

**ComTrade
Citrix Smart Plug-in
for HP Software
(SPI for Citrix)**

*(This version, 03.60, is for use with
HP Operations Manager for Linux and UNIX)*

Quick Reference Guide

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New editions are complete revisions of the manual. The printing dates for each edition are listed below.

Edition	Date
First Edition	June 2010
Second Edition	December 2010

About this Guide

This Quick Reference guide is a supplement to the SPI for Citrix User's Guide that includes the following lists and descriptions:

- Tools and tool groups
- Policies and policy groups
- Data source metrics
- Graphs
- Reports and report groups

SPI for Citrix Tools and Tool Groups

When you install SPI for Citrix, a new top level tool group is added in the HP Operations Manager administrator GUI. The SPI for Citrix tool group contains all tools, used for managing your Citrix environment

CTXSPI-Application Probing Server

Tools for managing published application availability.

CTXSPI-APS Configure

Tools for Application Probing Server configuration.

CTXSPI-Install APS Monitoring

Installs application availability monitoring components.

Command: CTXSPISwitch.cmd appavailinstall

Execute on: Managed Node

CTXSPI-Uninstall APS Monitoring

Uninstalls application availability monitoring components.

Command: CTXSPISwitch.cmd appavailuninstall

Execute on: Managed Node

CTXSPI-APS Information

Tools for managing Application Probing Server information query.

CTXSPI-APS Display Recent Application Availability

Displays results of the recent application availability measurements. Requires the application availability functionality to be configured and one of the AppAvailStart policies to be deployed.

Command: CTXSPISwitch.cmd appavaildisprecent /minutes:60

Execute on: Managed Node

CTXSPI-Citrix License Server

Tools for managing Citrix License Server.

CTXSPI-CLS Discovery

Tools for performing Citrix License Server service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2
Execute on: Managed Node

CTXSPI-CLS Information

Tools for managing Citrix License Server information query.

CTXSPI-Display License Checkout Diagnostics

Displays a Citrix License Server license check-out diagnostics.

Command: CTXSPISwitch.cmd dispclslicdiag

Execute on: Managed Node

CTXSPI-Display License Use Details

Displays a Citrix License Server license use details.

Command: CTXSPISwitch.cmd dispclslicdetail

Execute on: Managed Node

CTXSPI-Display License Use Information

Displays a Citrix License Server license use information.

Command: CTXSPISwitch.cmd dispclslic

Execute on: Managed Node

CTXSPI-CLS Services

Tools for managing Citrix License Server services.

CTXSPI-Start Citrix License Server Port Updater Service

Starts a Citrix License Server Port Updater service.

Command: CTXSPISwitch.cmd startsvc "CtxLSPortSvc"

Execute on: Managed Node

CTXSPI-Start Citrix Licensing Service

Starts a Citrix Licensing service. The Citrix Licensing service provides licenses for Citrix products.

Command: CTXSPISwitch.cmd startsvc "CitrixLicensing"

Execute on: Managed Node

CTXSPI-Start Citrix Licensing WMI Service

Starts a Citrix Licensing WMI service. The Citrix Licensing WMI service provides WMI access to the Citrix license information.

Command: CTXSPISwitch.cmd startsvc "Citrix_GTLicensingProv"

Execute on: Managed Node

CTXSPI-Start License Management Console for Citrix Licensing Service

Starts a License Management Console for a Citrix Licensing service. The License Management Console for the Citrix Licensing service allows License Management Consoles to connect to the Citrix License server.

Command: CTXSPISwitch.cmd startsvc "CTXLMC"

Execute on: Managed Node

CTXSPI-Status Citrix License Server Services

Shows the status of all Citrix License Server services.

Command: CTXSPISwitch.cmd dispclssvc

Execute on: Managed Node

CTXSPI-Stop Citrix License Server Port Updater Service

Stops a Citrix License Server Port Updater service.

Command: CTXSPISwitch.cmd stopsvc "CtxLSPortSvc"

Execute on: Managed Node

CTXSPI-Stop Citrix Licensing Service

Stops a Citrix Licensing service. The Citrix Licensing service provides licenses for Citrix products.

Command: CTXSPISwitch.cmd stopsvc "CitrixLicensing"

Execute on: Managed Node

CTXSPI-Stop Citrix Licensing WMI Service

Stops a Citrix Licensing WMI service. The Citrix Licensing WMI service provides WMI access to Citrix license information.

Command: CTXSPISwitch.cmd stopsvc "Citrix_GTLicensingProv"

Execute on: Managed Node

CTXSPI-Stop License Management Console for Citrix Licensing Service

Stops a License Management Console for a Citrix Licensing service. The License Management Console for the Citrix Licensing service allows License Management Consoles to connect to the Citrix License server.

Command: CTXSPISwitch.cmd stopsvc "CTXLMC"

Execute on: Managed Node

CTXSPI-Desktop Delivery Controller

Tools for managing Desktop Delivery Controller.

CTXSPI-DDC Discovery

Tools for performing Desktop Delivery Controller service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2

Execute on: Managed Node

CTXSPI-DDC Farm

Tools for managing Desktop Delivery Controller farm.

CTXSPI-Check Data Store Consistency

Performs data store consistency check.

Command: dscheck.exe

Execute on: Managed Node

CTXSPI-DDC Services

Tools for managing Desktop Delivery Controller services.

CTXSPI-Start Citrix Desktop Delivery Controller Service

Starts a Citrix Desktop Delivery Controller service. The service manages connected virtual desktops and their hosted sessions.

Command: CTXSPISwitch.cmd startsvc "CdsController"

Execute on: Managed Node

CTXSPI-Start Citrix Diagnostic Facility COM Server Service

Starts a Citrix Diagnostic Facility COM Server service. The service manages and controls Citrix diagnostic trace sessions on the system.

Command: CTXSPISwitch.cmd startsvc "CdfSvc"

Execute on: Managed Node

CTXSPI-Start Citrix IMA Proxy Service

Starts a Citrix IMA Proxy service. The service manages communication to Citrix IMA.

Command: CTXSPISwitch.cmd startsvc "CdsImaProxy"

Execute on: Managed Node

CTXSPI-Start Citrix IMA Service

Starts a Citrix Independent Management Architecture service. The service provides management services for Citrix products.

Command: CTXSPISwitch.cmd startsvc IMAService

Execute on: Managed Node

CTXSPI-Start Citrix Management Server Service

Starts a Citrix Management Server service. The service provides management services for Citrix servers.

Command: CTXSPISwitch.cmd startsvc "CitrixManagementServer"

Execute on: Managed Node

CTXSPI-Start Citrix MFCOM Service

Starts a Citrix MFCOM service. The service provides COM access to a Citrix farm.

Command: CTXSPISwitch.cmd startsvc "MFCOM"

Execute on: Managed Node

CTXSPI-Start Citrix Pool Management Service

Starts a Citrix Pool Management service. The service controls external machines, allowing the Citrix infrastructure to start and stop resources.

Command: CTXSPISwitch.cmd startsvc "ctxpoolmgr"

Execute on: Managed Node

CTXSPI-Start Citrix Services Manager Service

Starts a Citrix Services Manager service. The service provides Citrix Presentation Server with an interface to the operating system.

Command: CTXSPISwitch.cmd startsvc "IMAAdvanceSrv"

Execute on: Managed Node

CTXSPI-Start Citrix XTE Server Service

Starts a Citrix XTE Server service. The service services network requests for session reliability and SSL from Citrix components.

Command: CTXSPISwitch.cmd startsvc CitrixXTEServer

Execute on: Managed Node

CTXSPI-Status Desktop Delivery Controller Services

Shows the status of all Desktop Delivery Controller services.

Command: CTXSPISwitch.cmd dispddcsvc

Execute on: Managed Node

CTXSPI-Stop Citrix Desktop Delivery Controller Service

Stops a Citrix Desktop Delivery Controller service. The service manages connected virtual desktops and their hosted sessions.

Command: CTXSPISwitch.cmd stopsvc "CdsController"

Execute on: Managed Node

CTXSPI-Stop Citrix Diagnostic Facility COM Server Service

Stops a Citrix Diagnostic Facility COM Server service. The service manages and controls Citrix diagnostic trace sessions on the system.

Command: CTXSPISwitch.cmd stopsvc "CdfSvc"

Execute on: Managed Node

CTXSPI-Stop Citrix IMA Proxy Service

Stops a Citrix IMA Proxy service. The service manages communication to Citrix IMA.

Command: CTXSPISwitch.cmd stopsvc "CdsImaProxy"

Execute on: Managed Node

CTXSPI-Stop Citrix IMA Service

Stops a Citrix Independent Management Architecture service. The service provides management services for Citrix products.

Command: CTXSPISwitch.cmd stopsvc IMAService

Execute on: Managed Node

CTXSPI-Stop Citrix Management Server Service

Stops a Citrix Management Server service. The service provides management services for Citrix servers.

Command: CTXSPISwitch.cmd stopsvc "CitrixManagementServer"

Execute on: Managed Node

CTXSPI-Stop Citrix MFCOM Service

Stops a Citrix MFCOM service. The service provides COM access to a Citrix farm.

Command: CTXSPISwitch.cmd stopsvc "MFCOM"

Execute on: Managed Node

CTXSPI-Stop Citrix Pool Management Service

Stops a Citrix Pool Management service. The service controls external machines, allowing the Citrix infrastructure to start and stop resources.

Command: CTXSPISwitch.cmd stopsvc "ctxpoolmgr"

Execute on: Managed Node

CTXSPI-Stop Citrix Services Manager Service

Stops a Citrix Services Manager service. The service provides Citrix Presentation Server with an interface to the operating system.

Command: CTXSPISwitch.cmd stopsvc "IMAAdvanceSrv"

Execute on: Managed Node

CTXSPI-Stop Citrix XTE Server Service

Stops a Citrix XTE Server service. The service services network requests for session reliability and SSL from Citrix components.

Command: CTXSPISwitch.cmd stopsvc CitrixXTEServer

Execute on: Managed Node

CTXSPI-Provisioning Server

Tools for managing Provisioning Server.

CTXSPI-PVS Discovery

Tools for performing Provisioning Server service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2

Execute on: Managed Node

CTXSPI-PVS Services

Tools for managing Provisioning Server services.

CTXSPI-Start Citrix PVS BOOTP Service

Starts a Citrix PVS BOOTP (Bootstrap Protocol) service.

Command: CTXSPISwitch.cmd startsvc "BNBOOTP"

Execute on: Managed Node

CTXSPI-Start Citrix PVS PXE Service

Starts a Citrix PVS PXE (Preboot Execution Environment) service.

Command: CTXSPISwitch.cmd startsvc "BNPXE"

Execute on: Managed Node

CTXSPI-Start Citrix PVS Ramdisk Server Service

Starts a Citrix PVS Ramdisk Server service.

Command: CTXSPISwitch.cmd startsvc "BNABs"

Execute on: Managed Node

CTXSPI-Start Citrix PVS Soap Server Service

Starts a Citrix PVS Soap Server service.

Command: CTXSPISwitch.cmd startsvc "soapserver"

Execute on: Managed Node

CTXSPI-Start Citrix PVS Stream Service

Starts a Citrix PVS Stream service.

Command: CTXSPISwitch.cmd startsvc "StreamService"

Execute on: Managed Node

CTXSPI-Start Citrix PVS TFTP Service

Starts a Citrix PVS TFTP (Trivial File Transfer Protocol) service.

Command: CTXSPISwitch.cmd startsvc "BNTFTP"

Execute on: Managed Node

CTXSPI-Start Citrix PVS Two-Stage Boot Service

Starts a Citrix PVS Two-Stage Boot service.

Command: CTXSPISwitch.cmd startsvc "PVSTSB"

Execute on: Managed Node

CTXSPI-Status Provisioning Server Services

Shows the status of all Provisioning Server services.

Command: CTXSPISwitch.cmd disppvssvc

Execute on: Managed Node

CTXSPI-Stop Citrix PVS BOOTP Service

Stops a Citrix PVS BOOTP (Bootstrap Protocol) service.

Command: CTXSPISwitch.cmd stopsvc "BNBOOTP"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS PXE Service

Stops a Citrix PVS PXE (Preboot Execution Environment) service.

Command: CTXSPISwitch.cmd stopsvc "BNPXE"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS Ramdisk Server Service

Stops a Citrix PVS Ramdisk Server service.

Command: CTXSPISwitch.cmd stopsvc "BNAbs"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS Soap Server Service

Stops a Citrix PVS Soap Server service.

Command: CTXSPISwitch.cmd stopsvc "soapserver"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS Stream Service

Stops a Citrix PVS Stream service.

Command: CTXSPISwitch.cmd stopsvc "StreamService"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS TFTP Service

Stops a Citrix PVS TFTP (Trivial File Transfer Protocol) service.

Command: CTXSPISwitch.cmd stopsvc "BNTFTP"

Execute on: Managed Node

CTXSPI-Stop Citrix PVS Two-Stage Boot Service

Stops a Citrix PVS Two-Stage Boot service.

Command: CTXSPISwitch.cmd stopsvc "PVSTSB"

Execute on: Managed Node

CTXSPI-Secure Gateway

Tools for managing Secure Gateway.

CTXSPI-SG Discovery

Tools for performing Secure Gateway service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2

Execute on: Managed Node

CTXSPI-SG Services

Tools for managing Secure Gateway services.

CTXSPI-Start Secure Gateway Service

Starts a Citrix Secure Gateway service. The Citrix Secure Gateway service provides secure access to

Citrix XenApp servers.

Command: CTXSPISwitch.cmd startsvc "CtxSecGwy"

Execute on: Managed Node

CTXSPI-Status Secure Gateway Service

Shows the status of a Citrix Secure Gateway service. The Citrix Secure Gateway service provides secure access to Citrix XenApp servers.

Command: CTXSPISwitch.cmd dispccgsvc

Execute on: Managed Node

CTXSPI-Stop Secure Gateway Service

Stops a Citrix Secure Gateway service. The Citrix Secure Gateway service provides secure access to Citrix XenApp servers.

Command: CTXSPISwitch.cmd stopsvc "CtxSecGwy"

Execute on: Managed Node

CTXSPI-SPI Maintenance

Tools for maintaining SPI for Citrix product.

CTXSPI-SPI Configure

Tools for the SPI for Citrix product configuration.

CTXSPI-Display Citrix Node Type Version

Displays the installation status and version of the Citrix product or component on the managed node. Supported node types are: XenApp server, Web Interface, Citrix License Server, Secure Gateway, Desktop Delivery Controller and Provisioning Server.

Command: CTXSPISwitch.cmd dispntver

Execute on: Managed Node

CTXSPI-Register Subagent

Registers a SPI for Citrix subagent with a HPOM agent.

Command: CTXSPISwitch.cmd regsubagt

Execute on: Managed Node

CTXSPI-Unregister Subagent

Unregisters a SPI for Citrix subagent with a HPOM agent.

Command: CTXSPISwitch.cmd unregsubagt

Execute on: Managed Node

CTXSPI-SPI Licensing

Tools for licensing the SPI for Citrix product.

CTXSPI-1. Clear License Request File on Mgmt Server

Clears a SPI for Citrix license request file on a management server. Usually, this is the first step when requesting SPI for Citrix licenses.

Command: /opt/OV/ctxspi/bin/CTXSPILicensing -clear

Execute on: Management Server

CTXSPI-2. Generate License Request for Node

Generates SPI for Citrix license request information for a managed node. Usually executed on many nodes at once to speed-up generation of license requests.

Command: CTXSPILicensing -generate -company_name "your company name"

Execute on: Managed Node

CTXSPI-3. Merge License Activation Codes on Mgmt Server

Merges newly obtained SPI for Citrix license activation codes with the existing license activations. After a successful license merge, the license activation codes are ready to be deployed to SPI for Citrix managed nodes.

Command: /opt/OV/ctxspi/bin/CTXSPILicensing -merge

Execute on: Management Server

CTXSPI-List License Activation Codes

Lists and counts the existing SPI for Citrix license activation codes on the management server.

Command: /opt/OV/ctxspi/bin/CTXSPILicensing -list

Execute on: Management Server

CTXSPI-SPI Support

Tools for managing the SPI for Citrix product support.

CTXSPI-Check APS Requirements/Configuration

Checks whether Application availability probing server matches SPI for Citrix requirements and whether it is correctly configured.

Command: CTXSPIswitch.cmd chkaps

Execute on: Managed Node

CTXSPI-Check Requirements/Configuration

Checks whether a managed node matches SPI for Citrix requirements and whether it is correctly configured.

Command: CTXSPIswitch.cmd chkreqall

Execute on: Managed Node

CTXSPI-Collect Support Information

Collects various support information about a Citrix managed node.

Command: CTXSPIswitch.cmd runsupport

Execute on: Managed Node

CTXSPI-SPI Uninstall

Tools for uninstalling the SPI for Citrix product on the managed nodes.

CTXSPI-Remove SPI from Managed Node

Removes all SPI for Citrix files from a mngd node and performs all necessary cleanup steps. Run only after you've removed all SPI for Citrix policies from the mngd node, and properly uninstalled WI monitoring and unregistered SPI for Citrix subagent.

Command: cmd.exe /c "if exist

```
"%OvAgentDir%\bin\instrumentation\CTXSPIswitch.cmd" (cscript.exe  
"%OvAgentDir%\bin\instrumentation\CTXSPI-RemoveWholeSPI.vbs" -  
removeWholeSPI) else (cscript.exe "%OvAgentDir%\bin\OpC\cmds\CTXSPI-  
RemoveWholeSPI.vbs" -removeWholeSPI)"
```

Execute on: Managed Node

CTXSPI-Web Interface

Tools for managing Web Interface.

CTXSPI-WI Configure

Tools for Web Interface management configuration.

CTXSPI-Install WI Monitoring

Installs SPI for Citrix components for monitoring Web Interface. This operation needs to restart IIS. You must provide an 'allow_iis_restart' parameter to allow it. Otherwise, WI Monitoring components are not going to be installed.

Command: CTXSPISwitch.cmd installwi allow_iis_restart_not

Execute on: Managed Node

CTXSPI-Uninstall WI Monitoring

Uninstalls SPI for Citrix components for monitoring Web Interface. This operation needs to restart IIS. You must provide 'allow_iis_restart' as a parameter to allow it. Otherwise, WI Monitoring components are not going to be uninstalled.

Command: CTXSPISwitch.cmd uninstallwi allow_iis_restart_not

Execute on: Managed Node

CTXSPI-WI Discovery

Tools for performing Web Interface service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2

Execute on: Managed Node

CTXSPI-WI Information

Tools for managing Web Interface information query.

CTXSPI-WI Display Last Failed Logins

Displays users that failed to authenticate to Web Interface in the last x seconds (x is a configurable parameter).

Command: CTXSPISwitch.cmd wilastloginsfailed 300

Execute on: Managed Node

CTXSPI-WI Display Last Logins

Displays all users that logged in to Web Interface in the last x seconds (x is a configurable parameter).

Command: CTXSPISwitch.cmd wilastlogins 300

Execute on: Managed Node

CTXSPI-WI Display Last Successful Logins

Displays users that successfully logged in to Web Interface in the last x seconds (x is a configurable parameter).

Command: CTXSPISwitch.cmd wilastloginsok 300

Execute on: Managed Node

CTXSPI-WI Display Recent Broker Availability

Displays results of the recent broker availability measurements. Requires one of ChkBrokerAvail or LogBrokerAvail policies to be deployed.

Command: CTXSPISwitch.cmd brokavaildisprecent /minutes:15

Execute on: Managed Node

CTXSPI-WI Display Recent Farm Availability

Displays results of the recent farm availability measurements. Requires one of ChkFarmAvail or LogFarmAvail policies to be deployed.

Command: CTXSPISwitch.cmd farmavaildisprecent /minutes:15

Execute on: Managed Node

CTXSPI-WI Display Recent Site Availability

Displays results of the recent Web Interface site availability measurements. Requires one of ChkSiteAvail or LogSiteAvail policies to be deployed.

Command: CTXSPISwitch.cmd siteavaildisprecent /minutes:15

Execute on: Managed Node

CTXSPI-WI Execute Site Availability Test

Executes a site availability test and displays test results.

Command: CTXSPISwitch.cmd siteavailexec

Execute on: Managed Node

CTXSPI-XenApp

Tools for managing XenApp.

CTXSPI-XA Discovery

Tools for performing XenApp service discovery.

CTXSPI-Force Service Model Update

Forces generation of an OpC message that contains Citrix Infrastructure service model information.

Command: CTXSPISwitch.cmd triggermonitor CTXSPI-DscServiceModel2

Execute on: Managed Node

CTXSPI-XA Farm

Tools for managing XenApp farm.

CTXSPI-Check Data Store Consistency

Performs data store consistency check.

Command: dscheck.exe

Execute on: Managed Node

CTXSPI-XA Information

Tools for managing XenApp information query.

CTXSPI-Display Application Information

Displays published applications on a XenApp server.

Command: CTXSPISwitch.cmd displapps

Execute on: Managed Node

CTXSPI-Display Application Information in Farm

Displays published application information in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd dispapps

Execute on: Managed Node

CTXSPI-Display Application Sessions in Farm

Displays all users that are currently running a specific published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd dispappusers
/appname:\\ "<enter_application_name>\\ "

Execute on: Managed Node

CTXSPI-Display License Information

Displays Citrix license details (usage and availability).

Command: CTXSPISwitch.cmd displlic

Execute on: Managed Node

CTXSPI-Display Logons by User

Displays logons for a particular user.

Command: CTXSPISwitch.cmd displlogonuser
/user:<enter_account_in_format_DOMAIN\\USER>

Execute on: Managed Node

CTXSPI-Display Number of Servers in Farm

Displays the number of XenApp servers in a farm to which the selected XenApp server belongs.

Command: CTXSPISwitch.cmd displfarmsrvcnt

Execute on: Managed Node

CTXSPI-Display Number of Servers in Zone

Displays the number of XenApp servers in a zone.

Command: CTXSPISwitch.cmd displzonesrvcnt

Execute on: Managed Node

CTXSPI-Display Recent User Logons

Displays user logons that occurred within a specific time interval.

Command: CTXSPISwitch.cmd displlogonuser /minutes:15

Execute on: Managed Node

CTXSPI-Display Server Mode

Displays data store connection mode (direct/indirect) in which a XenApp server operates.

Command: CTXSPISwitch.cmd displmode

Execute on: Managed Node

CTXSPI-Display Session Information

Displays detailed user session information on a XenApp server.

Command: CTXSPISwitch.cmd displsessions

Execute on: Managed Node

CTXSPI-Display Session Information by User

Displays detailed user session information on a XenApp server, grouped by username.

Command: CTXSPISwitch.cmd displsessbyusr

Execute on: Managed Node

CTXSPI-Display Streamed Application Information

Displays streamed applications in a farm.

Command: CTXSPISwitch.cmd displstreamedapps

Execute on: Managed Node

CTXSPI-Display User Profile Information

Displays information about user profiles.

Command: CTXSPISwitch.cmd dispprofilestatus CTXSPI-DisplayUserProfileInformation

Execute on: Managed Node

CTXSPI-Display XenApp Server Information

Displays details of the selected XenApp server in a farm.

Command: CTXSPISwitch.cmd displsrv

Execute on: Managed Node

CTXSPI-Display Zone Information

Displays zone information of the selected XenApp server.

Command: CTXSPISwitch.cmd displzones

Execute on: Managed Node

CTXSPI-Find User Sessions in Farm

Displays detailed session information of a particular user in a farm.

Command: CTXSPISwitch.cmd dispfarmssess /username:"<enter_user_name>"

Execute on: Managed Node

CTXSPI-XA Services

Tools for managing XenApp services.

CTXSPI-Start ADF Installer Service

Starts an ADF Installer service. The service provides support for installing ADF packages that were created with the Citrix Packager.

Command: CTXSPISwitch.cmd startsvc "ADF Installer"

Execute on: Managed Node

CTXSPI-Start Citrix 64-bit Virtual Memory Optimization Service

Starts a Citrix 64-bit Virtual Memory Optimization service. The service dynamically optimizes 64-bit applications running on the system.

Command: CTXSPISwitch.cmd startsvc "Citrix 64-bit Virtual Memory Optimization"

Execute on: Managed Node

CTXSPI-Start Citrix CPU Utilization Mgmt/Resource Mgmt Service

Starts a Citrix CPU Utilization Mgmt/Resource Mgmt service. The service manages resource consumption to enforce entitlement policies.

Command: CTXSPISwitch.cmd startsvc ctxcpuSched

Execute on: Managed Node

CTXSPI-Start Citrix CPU Utilization Mgmt/User-Session Sync Service

Starts a Citrix CPU Utilization Mgmt/User-Session Sync service. The service synchronizes the CPU Utilization Management user ID of a process with the user ID of the session owner of the process.

Command: CTXSPISwitch.cmd startsvc CTXCPUUsync

Execute on: Managed Node

CTXSPI-Start Citrix Diagnostic Facility COM Server Service

Starts a Citrix Diagnostic Facility COM Server service. The service manages and controls Citrix diagnostic trace sessions on the system.

Command: CTXSPISwitch.cmd startsvc "CdfSvc"

Execute on: Managed Node

CTXSPI-Start Citrix Encryption Service

Starts a Citrix Encryption service. The service enables secure communication with RC5 128-bit encryption between Citrix Delivery Clients and this Citrix XenApp server.

Command: CTXSPISwitch.cmd startsvc "Citrix Encryption Service"

Execute on: Managed Node

CTXSPI-Start Citrix End User Experiencing Monitoring Service

Starts a Citrix End User Experiencing Monitoring service. The service is designed to collect and collate end user experience measurements.

Command: CTXSPISwitch.cmd startsvc "Citrix EUEM"

Execute on: Managed Node

CTXSPI-Start Citrix Health Monitoring and Recovery Service

Starts a Citrix Health Monitoring and Recovery service. The service provides Health Monitoring and Recovery services for Citrix XenApp server.

Command: CTXSPISwitch.cmd startsvc "CitrixHealthMon"

Execute on: Managed Node

CTXSPI-Start Citrix IMA Service

Starts a Citrix Independent Management Architecture service. The service provides management services for Citrix products.

Command: CTXSPISwitch.cmd startsvc IMAService

Execute on: Managed Node

CTXSPI-Start Citrix MFCOM Service

Starts a Citrix MFCOM service. The service provides COM access to a Citrix farm.

Command: CTXSPISwitch.cmd startsvc "MFCOM"

Execute on: Managed Node

CTXSPI-Start Citrix Print Manager Service

Starts a Citrix Print Manager service. The service supports the Citrix Advanced Universal Printing Architecture.

Command: CTXSPISwitch.cmd startsvc cpsvc

Execute on: Managed Node

CTXSPI-Start Citrix Services Manager Service

Starts a Citrix Services Manager service. The service provides Citrix Presentation Server with an interface to the operating system.

Command: CTXSPISwitch.cmd startsvc "IMAAdvanceSrv"

Execute on: Managed Node

CTXSPI-Start Citrix SMA Service

Starts a Citrix SMA service. The Suite Monitoring and Alerting service watches the event log and WMI for problems and raises alerts in the Access Suite Console or Access Management Console.

Command: CTXSPISwitch.cmd startsvc "Citrix SMA Service"

Execute on: Managed Node

CTXSPI-Start Citrix Streaming Service

Starts a Citrix Streaming service. This service manages the Citrix XenApp Plugin for Streamed Apps.

Command: CTXSPISwitch.cmd startsvc "RadeSvc"

Execute on: Managed Node

CTXSPI-Start Citrix Virtual Memory Optimization Service

Starts a Citrix Virtual Memory Optimization service. The service dynamically optimizes applications running on a system.

Command: CTXSPISwitch.cmd startsvc "Citrix Virtual Memory Optimization"

Execute on: Managed Node

CTXSPI-Start Citrix WMI Service

Starts a Citrix WMI service. The service provides the Citrix WMI classes.

Command: CTXSPISwitch.cmd startsvc CitrixWMIService

Execute on: Managed Node

CTXSPI-Start Citrix XML Service

Starts a Citrix XML service. The Citrix XML service services XML data requests sent by Citrix components.

Command: CTXSPISwitch.cmd startsvc CtxHttp

Execute on: Managed Node

CTXSPI-Start Citrix XTE Server Service

Starts a Citrix XTE Server service. The service services network requests for session reliability and SSL from Citrix components.

Command: CTXSPISwitch.cmd startsvc CitrixXTEServer

Execute on: Managed Node

CTXSPI-Start Client Network Service

Starts a Client Network service. The service maps client drives and peripherals for access in ICA sessions.

Command: CTXSPISwitch.cmd startsvc CdmService

Execute on: Managed Node

CTXSPI-Start Encryption Service

Starts an Encryption service. The service enables secure communication with RC5 128-bit encryption between Citrix ICA Clients and a MetaFrame Presentation Server.

Command: CTXSPISwitch.cmd startsvc "Encryption Service"

Execute on: Managed Node

CTXSPI-Start Netlogon Service

Starts a Netlogon service. The service maintains a secure channel between the computer and the domain controller for authenticating users and services.

Command: CTXSPISwitch.cmd startsvc Netlogon

Execute on: Managed Node

CTXSPI-Start Resource Manager Mail Service

Starts a Resource Manager Mail service. The service provides mail support for Resource Manager.

Command: CTXSPISwitch.cmd startsvc ResourceManagerMail

Execute on: Managed Node

CTXSPI-Start Spooler Service

Starts a Spooler service. The service manages all local and network print queues and controls all printing jobs.

Command: CTXSPISwitch.cmd startsvc Spooler

Execute on: Managed Node

CTXSPI-Start SSL Server Relay Service

Starts a SSL Server Relay service. The service enables SSL-secured communication to the relay with configurable forwarding of the decrypted data using SOCKSv5.

Command: CTXSPISwitch.cmd startsvc "Citrix SSL Relay"

Execute on: Managed Node

CTXSPI-Start Terminal Services Configuration Service

Starts a Terminal Services Configuration service. The service is responsible for all Terminal Services and Remote Desktop related configuration and session maintenance activities that require SYSTEM context.

Command: CTXSPISwitch.cmd startsvc SessionEnv

Execute on: Managed Node

CTXSPI-Start Terminal Services Service

Starts a Terminal Services service. The service allows users to connect interactively to the system.

Command: CTXSPISwitch.cmd startsvc TermService

Execute on: Managed Node

CTXSPI-Start Terminal Services Session Directory Service

Starts a Terminal Services Session Directory service. The service enables a user connection request to be routed to the appropriate Terminal Server in a cluster.

Command: CTXSPISwitch.cmd startsvc Tssdis

Execute on: Managed Node

CTXSPI-Start Terminal Services UserMode Port Redirector Service

Starts a Terminal Services UserMode Port Redirector service. The service allows the redirection of printers/drives/ports for RDP connections.

Command: CTXSPISwitch.cmd startsvc UmRdpService

Execute on: Managed Node

CTXSPI-Status OS and Terminal Server Services

Shows the status of relevant Microsoft Windows and Terminal Server services.

Command: CTXSPISwitch.cmd dispostssvc

Execute on: Managed Node

CTXSPI-Status XenApp Server Services

Shows the status of all XenApp server services.

Command: CTXSPISwitch.cmd disppssvc

Execute on: Managed Node

CTXSPI-Stop ADF Installer Service

Stops an ADF Installer service. The service provides support for installing ADF packages that were created with the Citrix Packager.

Command: CTXSPISwitch.cmd stopsvc "ADF Installer"

Execute on: Managed Node

CTXSPI-Stop Citrix 64-bit Virtual Memory Optimization Service

Stops a Citrix 64-bit Virtual Memory Optimization service. The service dynamically optimizes 64-bit applications running on the system.

Command: CTXSPISwitch.cmd stopsvc "Citrix 64-bit Virtual Memory Optimization"

Execute on: Managed Node

CTXSPI-Stop Citrix CPU Utilization Mgmt/Resource Mgmt Service

Stops a Citrix CPU Utilization Mgmt/Resource Mgmt service. The service manages resource consumption to enforce entitlement policies.

Command: CTXSPISwitch.cmd stopsvc ctxcpuSched

Execute on: Managed Node

CTXSPI-Stop Citrix CPU Utilization Mgmt/User-Session Sync Service

Stops a Citrix CPU Utilization Mgmt/User-Session Sync service. The service synchronizes the CPU Utilization Management user ID of a process with the user ID of the session owner of the process.

Command: CTXSPISwitch.cmd stopsvc CTXCPUUsync

Execute on: Managed Node

CTXSPI-Stop Citrix Diagnostic Facility COM Server Service

Stops a Citrix Diagnostic Facility COM Server service. The service manages and controls Citrix diagnostic trace sessions on the system.

Command: CTXSPISwitch.cmd stopsvc "CdfSvc"

Execute on: Managed Node

CTXSPI-Stop Citrix Encryption Service

Stops a Citrix Encryption service. The service enables secure communication with RC5 128-bit encryption between Citrix Delivery Clients and this Citrix XenApp server.

Command: CTXSPISwitch.cmd stopsvc "Citrix Encryption Service"

Execute on: Managed Node

CTXSPI-Stop Citrix End User Experiencing Monitoring Service

Stops a Citrix End User Experiencing Monitoring service. The service is design to collect and collate end user experience measurements.

Command: CTXSPISwitch.cmd stopsvc "Citrix EUEM"

Execute on: Managed Node

CTXSPI-Stop Citrix Health Monitoring and Recovery Service

Stops a Citrix Health Monitoring and Recovery service. The service provides Health Monitoring and Recovery services for Citrix XenApp server.

Command: CTXSPISwitch.cmd stopsvc "CitrixHealthMon"

Execute on: Managed Node

CTXSPI-Stop Citrix IMA Service

Stops a Citrix Independent Management Architecture service. The service provides management services for Citrix products.

Command: CTXSPISwitch.cmd stopsvc IMAService

Execute on: Managed Node

CTXSPI-Stop Citrix MFCOM Service

Stops a Citrix MFCOM service. The service provides COM access to a Citrix farm.

Command: CTXSPISwitch.cmd stopsvc "MFCOM"

Execute on: Managed Node

CTXSPI-Stop Citrix Print Manager Service

Stops a Citrix Print Manager service. The service supports the Citrix Advanced Universal Printing Architecture.

Command: CTXSPISwitch.cmd stopsvc cpsvc

Execute on: Managed Node

CTXSPI-Stop Citrix Services Manager Service

Stops a Citrix Services Manager service. The service provides Citrix Presentation Server with an interface to the operating system.

Command: CTXSPISwitch.cmd stopsvc "IMAAdvanceSrv"

Execute on: Managed Node

CTXSPI-Stop Citrix SMA Service

Stops a Citrix SMA service. The Suite Monitoring and Alerting service watches the event log and WMI for problems and raises alerts in the Access Suite Console or Access Management Console.

Command: CTXSPISwitch.cmd stopsvc "Citrix SMA Service"

Execute on: Managed Node

CTXSPI-Stop Citrix Streaming Service

Stops a Citrix Streaming service. This service manages the Citrix XenApp Plugin for Streamed Apps.

Command: CTXSPISwitch.cmd stopsvc "RadeSvc"

Execute on: Managed Node

CTXSPI-Stop Citrix Virtual Memory Optimization Service

Stops a Citrix Virtual Memory Optimization service. The service dynamically optimizes applications running on the system.

Command: CTXSPISwitch.cmd stopsvc "Citrix Virtual Memory Optimization"

Execute on: Managed Node

CTXSPI-Stop Citrix WMI Service

Stops a Citrix WMI service. The service provides the Citrix WMI classes.

Command: CTXSPISwitch.cmd stopsvc CitrixWMIService

Execute on: Managed Node

CTXSPI-Stop Citrix XML Service

Stops a Citrix XML service. The Citrix XML service services XML data requests sent by Citrix components.

Command: CTXSPISwitch.cmd stopsvc CtxHttp

Execute on: Managed Node

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Stops a Citrix XTE Server service. The service services network requests for session reliability and SSL from Citrix components.

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Execute on: Managed Node

CTXSPI-Stop Client Network Service

Stops a Client Network service. The service maps client drives and peripherals for access in ICA sessions.

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Execute on: Managed Node

CTXSPI-Stop Encryption Service

Stops an Encryption service. The service enables secure communication with RC5 128-bit encryption between Citrix ICA Clients and a MetaFrame Presentation Server.

Command: CTXSPISwitch.cmd stopsvc "Encryption Service"

Execute on: Managed Node

CTXSPI-Stop Netlogon Service

Stops a Netlogon service. The service maintains a secure channel between the computer and the domain controller for authenticating users and services.

Command: CTXSPISwitch.cmd stopsvc Netlogon

Execute on: Managed Node

CTXSPI-Stop Resource Manager Mail Service

Stops a Resource Manager Mail service. The service provides mail support for Resource Manager.

Command: CTXSPISwitch.cmd stopsvc ResourceManagerMail

Execute on: Managed Node

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Stops a Spooler service. The service manages all local and network print queues and controls all printing jobs.

Command: CTXSPISwitch.cmd stopsvc Spooler

Execute on: Managed Node

CTXSPI-Stop SSL Server Relay Service

Stops a SSL Server Relay service. The service enables SSL-secured communication to the relay with configurable forwarding of the decrypted data using SOCKSv5.

Command: CTXSPISwitch.cmd stopsvc "Citrix SSL Relay"

Execute on: Managed Node

CTXSPI-Stop Terminal Services Configuration Service

Stops a Terminal Services Configuration service. The service is responsible for all Terminal Services and Remote Desktop related configuration and session maintenance activities that require SYSTEM context.

Command: CTXSPISwitch.cmd stopsvc SessionEnv

Execute on: Managed Node

CTXSPI-Stop Terminal Services Service

Stops a Terminal Services service. The service allows users to connect interactively to the system.

Command: CTXSPISwitch.cmd stopsvc TermService

Execute on: Managed Node

CTXSPI-Stop Terminal Services Session Directory Service

Stops a Terminal Services Session Directory service. The service enables a user connection request to be routed to the appropriate Terminal Server in a cluster.

Command: CTXSPISwitch.cmd stopsvc Tssdis

Execute on: Managed Node

CTXSPI-Stop Terminal Services UserMode Port Redirector Service

Stops a Terminal Services UserMode Port Redirector service. The service allows the redirection of printers/drives/ports for RDP connections.

Command: CTXSPISwitch.cmd stopsvc UmRdpService

Execute on: Managed Node

CTXSPI-XA Session Control

Tools for managing XenApp sessions.

CTXSPI-XA Disconnect

Tools for managing XenApp session disconnect.

CTXSPI-Disconnect All Application Sessions in Farm

Disconnects all user sessions that are currently running a specific published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd discappsess /appname:\`<enter_application_name>`"

Execute on: Managed Node

CTXSPI-Disconnect All Sessions in Farm

Disconnects all user sessions in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd disconnectfarm

Execute on: Managed Node

CTXSPI-Disconnect All Sessions in Zone

Disconnects all user sessions in a zone. It is enough to select only one XenApp server from the zone.

Command: CTXSPISwitch.cmd disconnectzone

Execute on: Managed Node

CTXSPI-Disconnect All Sessions on Server

Disconnects all user sessions on a XenApp server.

Command: CTXSPISwitch.cmd disconnectserver

Execute on: Managed Node

CTXSPI-Disconnect Farm Sessions by Username

Disconnects all user sessions in a farm. You need to specify a username and select a XenApp server from the farm.

Command: CTXSPISwitch.cmd disconnectuser type_username_here

Execute on: Managed Node

CTXSPI-Disconnect Server Session by Name

Disconnects a user session on a XenApp server. You need to specify a session name and select a XenApp server.

Command: CTXSPISwitch.cmd disconnectsession type_session_name_here

Execute on: Managed Node

CTXSPI-XA Logoff

Tools for managing XenApp session logoff.

CTXSPI-Logoff All Application Sessions in Farm

Logs off all user sessions that are currently running a specific published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd logoffappsess
/appname:\\ "<enter_application_name>\\"

Execute on: Managed Node

CTXSPI-Logoff All Sessions in Farm

Logs off all sessions in a farm. You need to select a XenApp server from the farm.

Command: CTXSPISwitch.cmd logofffarm

Execute on: Managed Node

CTXSPI-Logoff All Sessions in Zone

Logs off all sessions in a zone. You need to select a XenApp server from the zone.

Command: CTXSPISwitch.cmd logoffzone

Execute on: Managed Node

CTXSPI-Logoff All Sessions on Server

Logs off all sessions on a XenApp server. You need to select a XenApp server.

Command: CTXSPISwitch.cmd logoffserver

Execute on: Managed Node

CTXSPI-Logoff Farm Sessions by Username

Logs off all user sessions in a farm. You need to specify a username and select a XenApp server from the farm.

Command: CTXSPISwitch.cmd logoffuser type_username_here

Execute on: Managed Node

CTXSPI-Logoff Server Session by Name

Logs off a session on a Citrix XenApp server. You need to specify a session name and select a XenApp server.

Command: CTXSPISwitch.cmd logoffsession type_session_name_here

Execute on: Managed Node

CTXSPI-XA Logon Control

Tools for managing XenApp session logon control.

CTXSPI-Disable Application in Farm

Disables a published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd disableapp /appname:\\ "<enter_application_name>\\ "

Execute on: Managed Node

CTXSPI-Disable Logons to Farm

Disables logons to a farm. You need to execute this tool on a XenApp server that is part of the farm.

Command: CTXSPISwitch.cmd logonfarm disable

Execute on: Managed Node

CTXSPI-Disable Logons to Server

Disables logons to a server. You need to execute this tool on a XenApp server.

Command: CTXSPISwitch.cmd logonserver disable

Execute on: Managed Node

CTXSPI-Disable Logons to Zone

Disables logons to a zone. You need to execute this tool on a XenApp server that is part of the zone.

Command: CTXSPISwitch.cmd logonzone disable

Execute on: Managed Node

CTXSPI-Enable Application in Farm

Enables published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd enableapp /appname:\\ "<enter_application_name>\\ "

Execute on: Managed Node

CTXSPI-Enable Logons to Farm

Enables logons to a farm. You need to execute this tool on a XenApp server that is part of the farm.

Command: CTXSPISwitch.cmd logonfarm enable

Execute on: Managed Node

CTXSPI-Enable Logons to Server

Enables logons to a server. You need to execute this tool on a XenApp server.

Command: CTXSPISwitch.cmd logonserver enable

Execute on: Managed Node

CTXSPI-Enable Logons to Zone

Enables logons to a zone. You need to execute this tool on a XenApp server that is part of the zone.

Command: CTXSPISwitch.cmd logonzone enable

Execute on: Managed Node

CTXSPI-Status of Logons to Farm

Shows whether logons are enabled or disabled for each XenApp server in a farm. You need to execute this tool on a XenApp server that is part of the farm.

Command: CTXSPISwitch.cmd logonfarm status

Execute on: Managed Node

CTXSPI-Status of Logons to Server

Shows whether logons are enabled or disabled on a XenApp server. You need to execute this tool on a XenApp server.

Command: CTXSPISwitch.cmd logonserver status

Execute on: Managed Node

CTXSPI-Status of Logons to Zone

Shows whether logons are enabled or disabled for each XenApp server in a zone. You need to execute this tool on a XenApp server that is part of the zone.

Command: CTXSPISwitch.cmd logonzone status

Execute on: Managed Node

CTXSPI-XA Reset

Tools for managing XenApp session reset.

CTXSPI-Reset Session

Resets a user session on a XenApp server. You need to specify a session name and select a XenApp server.

Command: CTXSPISwitch.cmd resetsession type_session_name_here

Execute on: Managed Node

CTXSPI-Reset Session by ID

Resets a user session on a XenApp server. You need to specify a session id and select a XenApp server.

Command: CTXSPISwitch.cmd resetsessionid type_session_id_here

Execute on: Managed Node

CTXSPI-XA Send Message

Tools for managing XenApp messages sent to session.

CTXSPI-Send Message to Application Sessions in Farm

Sends a message to all user sessions that are currently running a specific published application in a farm. It is enough to select only one XenApp server from the farm.

Command: CTXSPISwitch.cmd sendmsgappsess
/appname:\\ "<enter_application_name>\" /message:\\ "<enter_message>\"

Execute on: Managed Node

CTXSPI-Send Message to Farm Sessions

Sends a message to all user sessions in a farm. You need to specify a message text and select a XenApp server that is part of the farm.

Command: CTXSPISwitch.cmd sendmsgfarm \\ "Type message here, leave both
backslash-quotes intact\"

Execute on: Managed Node

CTXSPI-Send Message to Server Sessions

Sends a message to all user sessions on a XenApp server. You need to specify a message text and select a XenApp server.

Command: CTXSPISwitch.cmd sendmsgserver \\ "Type message here, leave both
backslash-quotes intact\"

Execute on: Managed Node

CTXSPI-Send Message to Session

Sends a message to a user session on a XenApp server. You need to specify a session name, message text, and select a XenApp server.

Command: CTXSPISwitch.cmd sendmsgsession type_session_name_here \\ "Type
message here, leave both backslash-quotes intact\"

Execute on: Managed Node

CTXSPI-Send Message to User Sessions

Sends a message to all user sessions in a farm. You need to specify a username, message text, and execute a tool on a XenApp server that is part of the farm.

Command: CTXSPISwitch.cmd sendmsguser type_username_here \\ "Type message
here, leave both backslash-quotes intact\"

Execute on: Managed Node

CTXSPI-Send Message to Zone Sessions

Sends a message to all user sessions in a zone. You need to specify a message text and select a XenApp server that is part of the zone.

Command: CTXSPISwitch.cmd sendmsgzone \\ "Type message here, leave both
backslash-quotes intact\"

Execute on: Managed Node

SPI for Citrix Policies and Policy Groups

When you install SPI for Citrix, a new top level policy group is added in the HP Operations Manager administrator GUI. The SPI for Citrix policy group contains all policies, used for managing your Citrix environment.

When you use SPI for Citrix, policies are grouped by their purpose. This structure helps you to quickly find the policies that you need to assign.

SPI for Citrix provides four types of policies:

- Schedule policies
- Logfile policies
- Message policies
- Monitor policies

Citrix servers incorporate several Windows Services. Failure on a system could prevent a service from starting, or could terminate it, which could lead to inoperability of the Citrix server. Therefore, such events need to be reported. SPI for Citrix monitors Citrix Windows Services and in case of failure sends alerts. These messages include information about the service and its purpose, the impact of its failure, and provide instructions for corrective action.

Policies for monitoring Citrix sessions monitor status and performance of Citrix sessions on the Citrix servers.

Policies for logging extended performance data collect extended performance metrics for all Citrix service processes. In addition, these policies also log server farm membership and session data.

CTXSPI-Application Probing Server

CTXSPI-APS Additional

CTXSPI-ChkAppAvailICATime

Monitors the time required for the ICA part of the application availability test to be completed. Needs to be deployed with one of the AppAvailStart policies.

Execute every: 5m

Command line: CTXSPIswitch.cmd appavailicatime CTXSPI-ChkAppAvailICATime

Rules:

Object: <*>

Description: major

Threshold: 360000

Severity: Major

Object: <*>
Description: timeout
Treshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Treshold: 180000
Severity: Warning

Object: <*>
Description: minor
Treshold: 240000
Severity: Minor

CTXSPI-ChkAppAvailWITime

Monitors the time required for the Web Interface part of the application availability test to be completed. Needs to be deployed with one of the AppAvailStart policies.

Execute every: 5m

Command line: CTXSPISwitch.cmd appavailwitime CTXSPI-ChkAppAvailWITime

Rules:

Object: <*>
Description: major
Treshold: 300000
Severity: Major

Object: <*>
Description: timeout
Treshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Treshold: 120000
Severity: Warning

Object: <*>
Description: minor
Treshold: 240000
Severity: Minor

CTXSPI-AppAvailStartAllApps

Starts all specified published applications (sequentially) in the specified time interval.

Execute on:

Minute: 9

Hour: 9

Command line: CTXSPIswitch.cmd appavailstartall /user:<enter_username_here>
/pause:60 /url:<enter_site_url_here> /login:submit

CTXSPI-AppAvailStartNextApp

Starts the next application from the specified set of published applications in the specified time interval.

Execute on:

Minute: 4,9,14,19,24,29,34,39,44,49,54,59

Command line: CTXSPIswitch.cmd appavailstartnext /user:<enter_username_here>
/url:<enter_site_url_here> /login:submit

CTXSPI-APS Data Collection

CTXSPI-LogAppAvail

Logs performance information of the application availability test. Needs to be deployed with one of the AppAvailStart policies.

Execute on:

Minute: 3,18,33,48

Command line: CTXSPIAvailLog.cmd logappavail

CTXSPI-APS Quick Start

CTXSPI-ChkAppAvail

Monitors the duration of application(s) availability. Needs to be deployed with one of the AppAvailStart policies.

Execute every: 5m

Command line: CTXSPIswitch.cmd appavailchk CTXSPI-ChkAppAvail

Rules:

Object: <*>

Description: major

Threshold: 660000
Severity: Major

Object: <*>
Description: timeout
Threshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Threshold: 300000
Severity: Warning

Object: <*>
Description: minor
Threshold: 480000
Severity: Minor

CTXSPI-ChkAppAvailCompleted

Monitors whether all phases of application availability have completed successfully.
Needs to be deployed with one of the AppAvailStart policies.

Execute every: 5m

Command line: CTXSPIswitch.cmd appavailchkcomplete CTXSPI-ChkAppAvailCompleted

Rules:

Object: <*>
Description: major
Threshold: 4
Severity: Major

CTXSPI-Citrix License Server

CTXSPI-CLS Additional

CTXSPI-FwdCitrixLSAppInfo

Forwards all Citrix License Server Application info event log entries.
Event log name: %APPLICATION_LOG%

Rules:

Description: info of CITRIX_LicenseServer

Severity: Normal

CTXSPI-CLS Data Collection

CTXSPI-LogCitrixLSLicenseUse

Logs Citrix License Server license use information.

Execute on:

Minute: 3,8,13,18,23,28,33,38,43,48,53,58

Command line: CTXSPILsluLog.cmd

CTXSPI-CLS Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPISwitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Treshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Treshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Treshold: 0

Severity: Warning

CTXSPI-CLS Quick Start

CTXSPI-ChkCitrixLSLicenseUse

Monitors Citrix License Server license use.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkclslic CTXSPI-ChkCitrixLSLicenseUse

Rules:

Object: <*>

Description: Data available - major

Threshold: 98

Severity: Major

Object: <*>

Description: Data available - warning

Threshold: 95

Severity: Warning

CTXSPI-ChkCitrixLSServices

Monitors Citrix License Server services.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkclssvc CTXSPI-ChkCitrixLSServices

Rules:

Object: Citrix Licensing

Description: Citrix Licensing service not installed

Threshold: 2

Severity: Critical

Object: Citrix Licensing

Description: Citrix Licensing service not running

Threshold: 0

Severity: Critical

Object: Citrix Licensing

Description: Citrix Licensing service running

Threshold: 1

Severity: Normal

Object: Citrix_GTLicensingProv

Description: Citrix_GTLicensingProv service running

Threshold: 1
Severity: Normal

Object: Citrix_GTLicensingProv
Description: Citrix_GTLicensingProv service not running
Threshold: 0
Severity: Minor

Object: CitrixLicensing
Description: CitrixLicensing service not installed
Threshold: 2
Severity: Critical

Object: CitrixLicensing
Description: CitrixLicensing service not running
Threshold: 0
Severity: Critical

Object: CitrixLicensing
Description: CitrixLicensing service running
Threshold: 1
Severity: Normal

Object: CTXLMC
Description: CTXLMC service not running
Threshold: 0
Severity: Major

Object: CTXLMC
Description: CTXLMC service running
Threshold: 1
Severity: Normal

Object: CtxLSPortSvc
Description: CtxLSPortSvc service not running
Threshold: 0
Severity: Critical

Object: CtxLSPortSvc
Description: CtxLSPortSvc service running
Treshold: 1
Severity: Normal

CTXSPI-FwdCitrixLSAppWarnError

Forwards all Citrix License Server Application warning / error event log entries.
Event log name: %APPLICATION_LOG%
Rules:
Description: warn/error of CITRIX_LicenseServer
Severity: Warning Critical

CTXSPI-Desktop Delivery Controller

CTXSPI-DDC Additional

CTXSPI-ChkDataStoreConsistency

Monitors the farm's Data Store consistency.
Execute every: 23h
Command line: CTXSPISwitch.cmd chkdscons CTXSPI-ChkDataStoreConsistency
Rules:
Description: Data Store inconsistent
Treshold: 1
Severity: Major

CTXSPI-ChkIdleDesktops

Monitors the number of idle desktops in each desktop group in a farm.
Execute every: 5m
Command line: CTXSPISwitch.cmd chkidledesktops CTXSPI-ChkIdleDesktops all
Rules:
Object: <*>
Description: Normal
Treshold: 100
Severity: Normal

Object: <*>

Description: Warning

Treshold: 10

Severity: Warning

CTXSPI-ChkNumberOfUsers

Monitors the number of currently connected users in a farm.

Execute every: 5m10s

Command line: CTXSPISwitch.cmd chknumofusers CTXSPI-ChkNumberOfUsers

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Treshold: 1000

Severity: Warning

CTXSPI-ChkUnassignedDesktops

Monitors the number of unassigned virtual desktops in a desktop group.

Execute every: 5m15s

Command line: CTXSPISwitch.cmd chkunassigned CTXSPI-ChkUnassignedDesktops

Rules:

Object: <*>

Description: Normal

Treshold: 1000000

Severity: Normal

Object: <*>

Description: Warning

Treshold: 10

Severity: Warning

CTXSPI-ChkXDSEssionsActive

Monitors the number of active XenDesktop sessions in a farm.

Execute every: 5m15s

Command line: CTXSPISwitch.cmd chkxdsessionsactive CTXSPI-ChkXDSessionsActive

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Treshold: 1000

Severity: Warning

CTXSPI-ChkXDSessionsAll

Monitors the number of all XenDesktop sessions in a farm.

Execute every: 5m20s

Command line: CTXSPISwitch.cmd chkxdsessionsall CTXSPI-ChkXDSessionsAll

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Treshold: 1000

Severity: Warning

CTXSPI-ChkXDSessionsDisconnected

Monitors the number of disconnected XenDesktop sessions in a farm.

Execute every: 5m25s

Command line: CTXSPISwitch.cmd chkxdsessionsdiscon CTXSPI-ChkXDSessionsDisconnected

Rules:

Object: <*>

Description: Normal

Treshold: 0
Severity: Normal

Object: <*>
Description: Warning
Treshold: 100
Severity: Warning

CTXSPI-ChkXDSessionsGroupActive

Monitors the number of active XenDesktop sessions in a group.

Execute every: 5m16s

Command line: CTXSPISwitch.cmd chkxdsessiongroupactive CTXSPI-ChkXDSessionsGroupActive all

Rules:

Object: <*>
Description: normal
Treshold: 0
Severity: Normal

Object: <*>
Description: warning
Treshold: 300
Severity: Warning

CTXSPI-ChkXDSessionsGroupAll

Monitors the number of all XenDesktop sessions in a group.

Execute every: 5m21s

Command line: CTXSPISwitch.cmd chkxdsessiongroupall CTXSPI-ChkXDSessionsGroupAll all

Rules:

Object: <*>
Description: normal
Treshold: 0
Severity: Normal

Object: <*>
Description: warning

Threshold: 300
Severity: Warning

CTXSPI-ChkXDSessionsGroupDisconnected

Monitors the number of disconnected XenDesktop sessions in a group.

Execute every: 5m26s

Command line: CTXSPISwitch.cmd chkxdsessiongroupdiscon CTXSPI-ChkXDSessionsGroupDisconnected all

Rules:

Object: <*>

Description: normal

Threshold: 0

Severity: Normal

Object: <*>

Description: warning

Threshold: 30

Severity: Warning

CTXSPI-FwdCitrixDDCAppInfo

Forwards all Citrix Desktop Delivery Controller Application informational event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: Citrix Configuration Logging

Severity: Normal

CTXSPI-FwdCitrixDDCSysInfo

Forwards all Citrix Desktop Delivery Controller System informational event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: IMABrowserSS

Severity: Normal

CTXSPI-DDC Data Collection

CTXSPI-DDCServicesLogging

Logs the selected performance data for Citrix Desktop Delivery Controller services.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPICollectPerf.cmd CTXSPI_DDCSVCS

CTXSPI-LogDDCConfig

Logs a specific configuration information for a Desktop Delivery Controller.

Execute on:

Minute: 9

Command line: CTXSPIDDCFarmLog.cmd

CTXSPI-LogDDCUtil

Logs Desktop Delivery Controller usage metrics.

Execute on:

Minute: 3,8,13,18,23,28,33,38,43,48,53,58

Command line: CTXSPIDDCLog.cmd

CTXSPI-DDC Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPISwitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Threshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Threshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Threshold: 0

Severity: Warning

CTXSPI-DDC Quick Start

CTXSPI-DDC Desktops

CTXSPI-ChkDesktopUtilization

Monitors desktop utilization for each desktop group in a farm.

Execute every: 5m10s

Command line: CTXSPISwitch.cmd chkdesktoputil CTXSPI-ChkDesktopUtilization

Rules:

Object: <*>

Description: Major

Treshold: 98

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Treshold: 90

Severity: Warning

CTXSPI-ChkNotRegisteredDesktops

Monitors started virtual desktops that are not registered on DDC.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkunregistered CTXSPI-ChkNotRegisteredDesktops

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning - Desktop not registered

Threshold: 1

Severity: Warning

CTXSPI-DDC Services

CTXSPI-ChkDDCServices

Monitors mandatory and optional Citrix Desktop Delivery Controller services.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkddcservices CTXSPI-ChkDDCServices

Rules:

Object: CdfSvc

Description: CdfSvc not running

Threshold: 0

Severity: Critical

Object: CdfSvc

Description: CdfSvc running

Threshold: 1

Severity: Normal

Object: CdsController

Description: CdsController not running

Threshold: 0

Severity: Critical

Object: CdsController

Description: CdsController running

Threshold: 1

Severity: Normal

Object: CdsImaProxy

Description: CdsImaProxy not running

Threshold: 0

Severity: Critical

Object: CdsImaProxy

Description: CdsImaProxy running

Threshold: 1
Severity: Normal

Object: CitrixManagementServer
Description: CitrixManagementServer not running
Threshold: 0
Severity: Critical

Object: CitrixManagementServer
Description: CitrixManagementServer running
Threshold: 1
Severity: Normal

Object: CitrixXTEServer
Description: CitrixXTEServer not running
Threshold: 0
Severity: Critical

Object: CitrixXTEServer
Description: CitrixXTEServer running
Threshold: 1
Severity: Normal

Object: ctxpoolmgr
Description: ctxpoolmgr not running
Threshold: 0
Severity: Critical

Object: ctxpoolmgr
Description: ctxpoolmgr running
Threshold: 1
Severity: Normal

Object: IMAAdvanceSrv
Description: IMAAdvanceSrv not running
Threshold: 0
Severity: Critical

Object: IMAAdvanceSrv
Description: IMAAdvanceSrv running
Threshold: 1
Severity: Normal

Object: IMAService
Description: IMAService not running
Threshold: 0
Severity: Critical

Object: IMAService
Description: IMAService running
Threshold: 1
Severity: Normal

Object: MFCom
Description: MFCom not running
Threshold: 0
Severity: Critical

Object: MFCom
Description: MFCom running
Threshold: 1
Severity: Normal

CTXSPI-FwdCitrixDDCAppWarnError

Forwards all Citrix Desktop Delivery Controller Application warning and error event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: Citrix Configuration Logging

Severity: Warning Critical

CTXSPI-FwdCitrixDDCSysWarnError

Forwards all Citrix Desktop Delivery Controller System warning and error event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: IMABrowserSS

Severity: Warning Critical

CTXSPI-Provisioning Server

CTXSPI-PVS Additional

CTXSPI-FwdCitrixPVSApplInfo

Forwards all Citrix Provisioning Server Application informational event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: forward informational StreamService

Severity: Normal

CTXSPI-PVS Data Collection

CTXSPI-LogNetworkLoad

Logs network load on Provisioning Server.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPICollectPerf.cmd CTXSPI_PVSNETLOAD

CTXSPI-LogPVSCache

Logs virtual disk cache usage on Provisioning Server.

Execute on:

Minute: 13,28,43,58

Command line: CTXSPIPVSLog.cmd

CTXSPI-LogPVSConfig

Logs specific configuration information for a Provisioning server.

Execute on:

Minute: 9

Command line: CTXSPIPVSFarmLog.cmd

CTXSPI-PVSServicesLogging

Logs selected performance data for Provisioning Server services.

Execute on:

Minute: 0,5,10,15,20,25,30,35,40,45,50,55

Command line: CTXSPICollectPerf.cmd CTXSPI_PVSSVCS

CTXSPI-PVS Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPISwitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Treshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Treshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Treshold: 0

Severity: Warning

CTXSPI-PVS Quick Start

CTXSPI-PVS Network

CTXSPI-ChkNetworkLoad

Checks network load on a system.

Execute every: 5m

Command line: CTXSPISwitch.cmd chknetworkload percent CTXSPI-ChkNetworkLoad

Rules:

Object: <*>

Description: Major

Treshold: 90

Severity: Major

Object: <*>
Description: Normal
Treshold: 0
Severity: Normal

Object: <*>
Description: Warning
Treshold: 80
Severity: Warning

CTXSPI-ChkNetworkTraffic

Checks the number of mega bytes per second which are sent and received over network adapters on a system.

Execute every: 5m

Command line: CTXSPIswitch.cmd chknetworkload num CTXSPI-ChkNetworkTraffic

Rules:

Object: <*>
Description: Major
Treshold: 120
Severity: Major

Object: <*>
Description: Normal
Treshold: 0
Severity: Normal

Object: <*>
Description: Warning
Treshold: 100
Severity: Warning

CTXSPI-PVS Services

CTXSPI-ChkPVSServices

Monitors all mandatory and optional Citrix Provisioning Server services.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkpvsservices CTXSPI-ChkPVSServices

Rules:

Object: BNABs

Description: BNABs not running

Threshold: 0

Severity: Major

Object: BNABs

Description: BNABs running

Threshold: 1

Severity: Normal

Object: BNBOOTP

Description: BNBOOTP not running

Threshold: 0

Severity: Major

Object: BNBOOTP

Description: BNBOOTP running

Threshold: 1

Severity: Normal

Object: BNPXE

Description: BNPXE not running

Threshold: 0

Severity: Critical

Object: BNPXE

Description: BNPXE running

Threshold: 1

Severity: Normal

Object: BNTFTP

Description: BNTFTP not running

Threshold: 0

Severity: Major

Object: BNTFTP

Description: BNTFTP running
Threshold: 1
Severity: Normal

Object: PVSTSB
Description: PVSTSB not running
Threshold: 0
Severity: Critical

Object: PVSTSB
Description: PVSTSB running
Threshold: 1
Severity: Normal

Object: soapserver
Description: soapserver not running
Threshold: 0
Severity: Critical

Object: soapserver
Description: soapserver running
Threshold: 1
Severity: Normal

Object: StreamService
Description: StreamService not running
Threshold: 0
Severity: Critical

Object: StreamService
Description: StreamService running
Threshold: 1
Severity: Normal

CTXSPI-FwdCitrixPVSApWarnError

Forwards all Citrix Provisioning Server Application warning and error event log entries.
Event log name: %APPLICATION_LOG%

Rules:

Description: forward informational StreamService

Severity: Warning Critical

CTXSPI-PVS Storage

CTXSPI-ChkDesktopRamCache

Monitors virtual desktop RAM cache utilization.

Execute every: 5m12s

Command line: CTXSPISwitch.cmd chkramcache CTXSPI-ChkDesktopRamCache

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Treshold: 90

Severity: Warning

Object: <*>

Description: Minor

Treshold: 98

Severity: Minor

CTXSPI-ChkDiskCacheSize

Monitors the size of the device disk cache on a server.

Execute every: 5m15s

Command line: CTXSPISwitch.cmd chkdiskcache CTXSPI-ChkDiskCacheSize

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: Warning

Threshold: 100
Severity: Warning

Object: <*>
Description: Minor
Threshold: 1000
Severity: Minor

CTXSPI-Secure Gateway

CTXSPI-SG Additional

CTXSPI-SG32-ChkSSLHandshakesPending

Monitors the number of pending SSL handshakes on the Citrix Secure Gateway. To be deployed on Secure Gateway 3.2.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 10

Severity: Major

Description: all sessions - warning

Threshold: 5

Severity: Warning

CTXSPI-SG32-ChkTotalPendingConnections

Monitors the total number of pending client connections on Citrix Secure Gateway. To be deployed on Secure Gateway 3.2.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 10

Severity: Major

Description: all sessions - warning

Threshold: 5

Severity: Warning

CTXSPI-SG3-ChkSSLHandshakesPending

Monitors the number of pending SSL handshakes on the Citrix Secure Gateway. To be deployed on Secure Gateway 3.0 and 3.1.

Execute every: 5m

Rules:

Description: all sessions - major

Treshold: 10

Severity: Major

Description: all sessions - warning

Treshold: 5

Severity: Warning

CTXSPI-SG3-ChkTotalPendingConnections

Monitors the total number of pending client connections on Citrix Secure Gateway. To be deployed on Secure Gateway 3.0 and 3.1.

Execute every: 5m

Rules:

Description: all sessions - major

Treshold: 10

Severity: Major

Description: all sessions - warning

Treshold: 5

Severity: Warning

CTXSPI-FwdCitrixSGSecGwyInfo

Forwards all Citrix Secure Gateway \"Secure Gateway\" info event log entries.

Event log name: %CITRIX SECURE GATEWAY_LOG%

Rules:

Description: info

Severity: Normal

CTXSPI-SG Data Collection

CTXSPI-LogSGActivity

Logs selected Citrix Secure Gateway performance data.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPICollectPerf.cmd CTXSPI_SGS3

CTXSPI-SG Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPIswitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Treshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Treshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Treshold: 0

Severity: Warning

CTXSPI-SG Quick Start

CTXSPI-ChkBytesSecFromClients

Monitors the data throughput rate (in bytes per second) from all connected clients to the Secure Gateway.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 6000000

Severity: Major

Description: all sessions - warning

Threshold: 3000000

Severity: Warning

CTXSPI-ChkBytesSecToClients

Monitors the data throughput rate (in bytes per second) from the Secure Gateway to all connected clients.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 6000000

Severity: Major

Description: all sessions - warning

Threshold: 3000000

Severity: Warning

CTXSPI-ChkCitrixSGService

Monitors Citrix Secure Gateway service.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkcsgrvc CTXSPI-ChkCitrixSGService

Rules:

Object: CtxSecGwy

Description: CtxSecGwy service not running

Threshold: 0

Severity: Critical

Object: CtxSecGwy

Description: CtxSecGwy service not installed

Threshold: 2

Severity: Major

Object: CtxSecGwy

Description: CtxSecGwy service running

Treshold: 1

Severity: Normal

CTXSPI-ChkClientConnectTimeAvg

Monitors the average amount of time (in ms) for a client connection request to complete the connection process.

Execute every: 5m

Rules:

Description: all sessions - major

Treshold: 15000

Severity: Major

Description: all sessions - warning

Treshold: 10000

Severity: Warning

CTXSPI-ChkConnectionsSec

Monitors the number of successful client connections per second on Citrix Secure Gateway.

Execute every: 5m

Rules:

Description: all sessions - major

Treshold: 10

Severity: Major

Description: all sessions - warning

Treshold: 5

Severity: Warning

CTXSPI-ChkSSLHandshakesSec

Monitors the number of SSL handshakes per second on the Citrix Secure Gateway.

Execute every: 5m

Rules:

Description: all sessions - major

Treshold: 10

Severity: Major

Description: all sessions - warning

Threshold: 5

Severity: Warning

CTXSPI-ChkSSLHandshakeTimeAvg

Monitors the average time (in ms) for a SSL handshake to complete on the Citrix Secure Gateway.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 5000

Severity: Major

Description: all sessions - warning

Threshold: 3000

Severity: Warning

CTXSPI-ChkTotalActiveConnections

Monitors the total number of active client connections on Citrix Secure Gateway.

Execute every: 5m

Rules:

Description: all sessions - major

Threshold: 240

Severity: Major

Description: all sessions - warning

Threshold: 200

Severity: Warning

CTXSPI-FwdCitrixSGSecGwyWarnError

Forwards all Citrix Secure Gateway 3.0 \"Secure Gateway\" warning / error event log entries.

Event log name: %CITRIX SECURE GATEWAY_LOG%

Rules:

Description: warn/error
Severity: Critical Warning

CTXSPI-SPI Licensing

CTXSPI-LicOpMsg

Intercepts all SPI for Citrix licensing related messages.

Rules:

Description: Suppress non-Citrix SPI licensing messages

Severity: Normal Warning Minor Major Critical

Source: SPI for Citrix

Object: License

Description: Intercept license request generation messages

Severity: Normal

Source: SPI for Citrix

Object: License

Message text: LicenseRequestGeneration

Description: Intercept "license not found" error

Severity: Normal Warning Minor Major Critical

Source: SPI for Citrix

Object: License

Message text: LIC_CHK_NOTFOUND

Description: Intercept "part of license information is missing" error

Severity: Normal Warning Minor Major Critical

Source: SPI for Citrix

Object: License

Message text: LIC_CHK_LICACTINFO

Description: Intercept "license key is incorrect" error

Severity: Normal Warning Minor Major Critical

Source: SPI for Citrix

Object: License

Message text: LIC_CHK_LK

Description: Intercept "incorrect product ID" error
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: LIC_CHK_PID

Description: Intercept "number of processors too high" error
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: LIC_CHK_NRP

Description: Intercept "license is time-limited" warning
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: LIC_USING_TRIAL

Description: Intercepts "license expired" error
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: LIC_CHK_EXP

Description: Intercept "license file not present" error
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: LIC_OPENR_LICFILE

Description: Intercept all other CTXSPI licensing errors
Severity: Normal Warning Minor Major Critical
Source: SPI for Citrix
Object: License
Message text: <*>

CTXSPI-Web Interface

CTXSPI-WI Additional

CTXSPI-ChkBrokerAvailAppEnum

Monitors the time required for the end-user published applications/desktops to be enumerated by individual XML broker.

Execute every: 5m

Command line: CTXSPISwitch.cmd brokavailchkph1 CTXSPI-ChkBrokerAvailAppEnum

Rules:

Object: <*>

Description: major

Treshold: 300000

Severity: Major

Object: <*>

Description: timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Treshold: 60000

Severity: Warning

Object: <*>

Description: minor

Treshold: 120000

Severity: Minor

CTXSPI-ChkFarmAvailAppEnum

Monitors the time required for the end-user published applications/desktops to be enumerated.

Execute every: 5m

Command line: CTXSPISwitch.cmd farmavailchkph1 CTXSPI-ChkFarmAvailAppEnum

Rules:

Object: <*>

Description: major

Threshold: 300000
Severity: Major

Object: <*>
Description: timeout
Threshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Threshold: 60000
Severity: Warning

Object: <*>
Description: minor
Threshold: 120000
Severity: Minor

CTXSPI-ChkFarmAvailAppLB

Monitors the time required for a published application/ desktop to be load-balanced.

Execute every: 5m

Command line: CTXSPIswitch.cmd farmavailchkph2 CTXSPI-ChkFarmAvailAppLB

Rules:

Object: <*>
Description: major
Threshold: 180000
Severity: Major

Object: <*>
Description: timeout
Threshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Threshold: 30000
Severity: Warning

Object: <*>
Description: minor
Treshold: 60000
Severity: Minor

CTXSPI-ChkSiteAvailAppEnum

Monitors the time required for the end-user published applications/desktops to be enumerated for all configured farms.

Execute every: 5m

Command line: CTXSPISwitch.cmd siteavailchkph2 CTXSPI-ChkSiteAvailAppEnum

Rules:

Object: <*>
Description: major
Treshold: 300000
Severity: Major

Object: <*>
Description: timeout
Treshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Treshold: 60000
Severity: Warning

Object: <*>
Description: minor
Treshold: 120000
Severity: Minor

CTXSPI-ChkSiteAvailAppLB

Monitors the time required for a published application/desktop to be load-balanced for all configured farms.

Execute every: 5m

Command line: CTXSPISwitch.cmd siteavailchkph3 CTXSPI-ChkSiteAvailAppLB

Rules:

Object: <*>

Description: major

Treshold: 300000

Severity: Major

Object: <*>

Description: timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Treshold: 60000

Severity: Warning

Object: <*>

Description: minor

Treshold: 120000

Severity: Minor

CTXSPI-ChkSiteAvailLogonPage

Monitors the time required for the Web Interface logon page to be delivered.

Execute every: 5m

Command line: CTXSPISwitch.cmd siteavailchkph1 CTXSPI-ChkSiteAvailLogonPage

Rules:

Object: <*>

Description: major

Treshold: 300000

Severity: Major

Object: <*>

Description: timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: warning
Treshold: 60000
Severity: Warning

Object: <*>
Description: minor
Treshold: 120000
Severity: Minor

CTXSPI-FwdCitrixWIAppInfo

Forwards all Citrix Wab Interface info event log entries.
Event log name: %APPLICATION_LOG%
Rules:
Description: Citrix Web Interface
Severity: Normal

CTXSPI-WI Data Collection

CTXSPI-LogSiteAvail

Logs performance of configured Web Interface site(s), farm(s) and XML broker(s).
Execute on:
Minute: 2,7,12,17,22,27,32,37,42,47,52,57
Command line: CTXSPIAvailLog.cmd logsiteavail

CTXSPI-LogWIFailedLogons

Logs Web Interface failed user logons.
Execute on:
Minute: 1,6,11,16,21,26,31,36,41,46,51,56
Command line: CTXSPIWiflLog.cmd

CTXSPI-LogWIUserLogonProcess

Logs Web Interface user logon process duration.
Execute on:
Minute: 1,6,11,16,21,26,31,36,41,46,51,56
Command line: CTXSPIWildLog.cmd

CTXSPI-WI Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPIswitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Threshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Threshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Threshold: 0

Severity: Warning

CTXSPI-WI Quick Start

CTXSPI-ChkBrokerAvail

Monitors the duration of broker availability.

Execute every: 5m

Command line: CTXSPIswitch.cmd brokavailchk CTXSPI-ChkBrokerAvail

Rules:

Object: <*>

Description: major

Threshold: 300000

Severity: Major

Object: <*>

Description: timeout

Threshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Treshold: 60000

Severity: Warning

Object: <*>

Description: minor

Treshold: 120000

Severity: Minor

CTXSPI-ChkBrokerAvailCompleted

Monitors whether all phases of broker availability have completed successfully.

Execute every: 5m

Command line: CTXSPIswitch.cmd brokavailchkcomplete CTXSPI-ChkBrokerAvailCompleted

Rules:

Object: <*>

Description: major

Treshold: 0

Severity: Major

CTXSPI-ChkFarmAvail

Monitors the duration of farm availability.

Execute every: 5m

Command line: CTXSPIswitch.cmd farmavailchk CTXSPI-ChkFarmAvail

Rules:

Object: <*>

Description: major

Treshold: 480000

Severity: Major

Object: <*>

Description: timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Treshold: 90000

Severity: Warning

Object: <*>

Description: minor

Treshold: 180000

Severity: Minor

CTXSPI-ChkFarmAvailCompleted

Monitors whether all phases of farm availability have completed successfully.

Execute every: 5m

Command line: CTXSPISwitch.cmd farmavailchkcomplete CTXSPI-ChkFarmAvailCompleted

Rules:

Object: <*>

Description: major

Treshold: 1

Severity: Major

CTXSPI-ChkSiteAvail

Monitors the duration of Web Interface site availability.

Execute every: 5m

Command line: CTXSPISwitch.cmd siteavailchk CTXSPI-ChkSiteAvail

Rules:

Object: <*>

Description: major

Treshold: 600000

Severity: Major

Object: <*>

Description: timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Treshold: 120000

Severity: Warning

Object: <*>

Description: minor

Treshold: 240000

Severity: Minor

CTXSPI-ChkSiteAvailCompleted

Monitors whether all phases of site availability have completed successfully.

Execute every: 5m

Command line: CTXSPISwitch.cmd siteavailchkcomplete CTXSPI-ChkSiteAvailCompleted

Rules:

Object: <*>

Description: major

Treshold: 2

Severity: Major

CTXSPI-ChkWebInterfaceFailedLogons

Monitors Citrix Web Interface failed user logons.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkwifailed CTXSPI-ChkWebInterfaceFailedLogons

Rules:

Object: <*>

Description: Data available - major

Treshold: 7

Severity: Major

Object: <*>

Description: Data available - minor

Treshold: 3

Severity: Warning

CTXSPI-ChkWebInterfaceLogonTime

Monitors Citrix Web Interface user logon times.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkwilogon CTXSPI-ChkWebInterfaceLogonTime

Rules:

Object: <*>

Description: Data available - major

Treshold: 180000

Severity: Major

Object: <*>

Description: Data available - warning

Treshold: 60000

Severity: Warning

CTXSPI-FwdCitrixWIAppWarnError

Forwards all Citrix Web Interface warning/error event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: Citrix Web Interface

Severity: Warning Critical

CTXSPI-XenApp

CTXSPI-XA Additional

CTXSPI-ChkDataStoreConsistency

Monitors the farm's Data Store consistency.

Execute every: 23h

Command line: CTXSPIswitch.cmd chkdscons CTXSPI-ChkDataStoreConsistency

Rules:

Description: Data Store inconsistent

Treshold: 1

Severity: Major

CTXSPI-ChkProfileExecutableCount

Monitors number of executable file in profile.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofileexecutables CTXSPI-ChkProfileExecutableCount

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 1

Severity: Warning

CTXSPI-ChkProfileFileCount

Monitors profile file count.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilefilecount CTXSPI-ChkProfileFileCount

Rules:

Object: <*>

Description: major

Treshold: 2000

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 1500

Severity: Warning

CTXSPI-ChkProfileMediaCount

Monitors number of media files in profile.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilemedias CTXSPI-ChkProfileMediaCount

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 1000

Severity: Warning

CTXSPI-ChkProfileRoamingFileCount

Monitors profile roaming file count.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofileroamingfilecount CTXSPI-ChkProfileRoamingFileCount

Rules:

Object: <*>

Description: major

Treshold: 1700

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 1300

Severity: Warning

CTXSPI-ChkProfilesTotalExecutableCount

Monitors number of executable files in all profiles.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkprofilesexecutables CTXSPI-ChkProfilesTotalExecutableCount

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 1

Severity: Warning

CTXSPI-ChkProfilesTotalFileCount

Monitors all profiles file count.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkprofilesfilecount CTXSPI-ChkProfilesTotalFileCount

Rules:

Object: <*>

Description: major

Treshold: 200000

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 150000

Severity: Warning

CTXSPI-ChkProfilesTotalMediaCount

Monitors number of media files in all profiles.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilesmedias CTXSPI-ChkProfilesTotalMediaCount

Rules:

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 40000

Severity: Warning

CTXSPI-ChkProfilesTotalRoamingFileCount

Monitors all profiles roaming file count.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilesroamingfilecount CTXSPI-ChkProfilesTotalRoamingFileCount

Rules:

Object: <*>

Description: major

Treshold: 180000

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 130000

Severity: Warning

CTXSPI-ChkSessionsDown

Monitors number of sessions in down state on a XenApp server.

Execute every: 5m37s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsDown down

Rules:

Description: If number of sessions in down state is very high, send a major

Treshold: 15

Severity: Major

Description: If number of sessions in down state is high, send a warning

Treshold: 8

Severity: Warning

CTXSPI-ChkSessionsShadowing

Monitors number of sessions in shadowing state on a XenApp server.

Execute every: 6m19s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsShadowing shadowing

Rules:

Description: If number of sessions in shadowing state is very high, send a major

Treshold: 15

Severity: Major

Description: If number of sessions in shadowing state is high, send a warning

Treshold: 8

Severity: Warning

CTXSPI-ChkSessionsStale

Monitors number of stalled sessions on a XenApp server.

Execute every: 5m53s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsStale stale

Rules:

Description: If number of stalled sessions is very high, send a major

Treshold: 15

Severity: Major

Description: If number of stalled sessions is high, send a warning

Threshold: 8
Severity: Warning

CTXSPI-ChkXAUserLogonProcessPh1

Monitors Citrix initialization phase of the XenApp server user logon process.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Phase1 CTXSPI-ChkXAUserLogonProcessPh1

Rules:

Object: <*>

Description: major

Threshold: 180000

Severity: Major

Object: <*>

Description: time-out

Threshold: 1000000000

Severity: Major

Object: <*>

Description: warning

Threshold: 120000

Severity: Warning

CTXSPI-ChkXAUserLogonProcessPh2

Monitors applying group policies phase of the XenApp server user logon process.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Phase2 CTXSPI-ChkXAUserLogonProcessPh2

Rules:

Object: <*>

Description: major

Threshold: 180000

Severity: Major

Object: <*>

Description: time-out

Treshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Treshold: 120000
Severity: Warning

CTXSPI-ChkXAUserLogonProcessPh3

Monitors user initialization phase of the XenApp server user logon process.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Phase3 CTXSPI-
ChkXAUserLogonProcessPh3

Rules:

Object: <*>
Description: major
Treshold: 180000
Severity: Major

Object: <*>
Description: time-out
Treshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Treshold: 120000
Severity: Warning

CTXSPI-ChkXAUserLogonProcessPh4

Monitors loading user scripts phase of the XenApp server user logon process.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Phase4 CTXSPI-
ChkXAUserLogonProcessPh4

Rules:

Object: <*>
Description: major

Threshold: 180000
Severity: Major

Object: <*>
Description: time-out
Threshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Threshold: 120000
Severity: Warning

CTXSPI-ChkXAUserLogonProcessPh5

Monitors user profile loading phase of the XenApp server user logon process.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Phase5 CTXSPI-ChkXAUserLogonProcessPh5

Rules:

Object: <*>
Description: major
Threshold: 180000
Severity: Major

Object: <*>
Description: time-out
Threshold: 1000000000
Severity: Major

Object: <*>
Description: warning
Threshold: 120000
Severity: Warning

CTXSPI-DisconnectSessions

Disconnects sessions that are idle for long time (default is 60 minutes).

Execute on:

Minute: 0,15,30,45

Command line: CTXSPISwitch.cmd disconsessions 60

CTXSPI-LogOffSessions

Logs off sessions that are disconnected for long time (default is 180 minutes).

Execute on:

Minute: 1,15,30,45

Command line: CTXSPISwitch.cmd logoffsessions 180

CTXSPI-LogOffSessionsByUser

Logs off disconnected sessions of defined user that are disconnected for more then specified time.

Execute on:

Minute: 2,17,32,47

Command line: CTXSPISwitch.cmd logoffsessionsbyuser 180 <enter_username_here>

CTXSPI-LogonThrottler

Protects XenApp server from being overloaded by intensive user logons.

Execute on:

Minute: 9,18,27,36,45,54

Command line: CTXSPISwitch.cmd logonthrottler

CTXSPI-FwdCitrixXAAppInfo

Forwards all Citrix Application Info event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: Citrix 64-bit Virtual Memory Optimization

Severity: Normal

CTXSPI-FwdCitrixXASysInfo

Forwards all Citrix System Info event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: Cdm

Severity: Normal

CTXSPI-FwdLogonThrottlerEvents

Forwards all Logon Throttler info / warning / error event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: info/warning/error Logon Throttler-disabled
Severity: Normal Warning Critical

CTXSPI-FwdOsAndTSAppInfo

Forwards all OS and Terminal Server Application Info event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: SpoolerCtrs

Severity: Normal

CTXSPI-FwdOsAndTSSysInfo

Forwards all OS and Terminal Server System Info event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: TermDD

Severity: Normal

CTXSPI-XA Data Collection

CTXSPI-LogApps

Logs published application usage.

Execute on:

Minute: 4,9,14,19,24,29,34,39,44,49,54,59

Command line: CTXSPIAppsLog.cmd

CTXSPI-LogProfile

Logs profile status.

Execute on:

Minute: 9

Hour: 0,12

Command line: CTXSPIProfileLog.cmd

CTXSPI-LogProfiles

Logs sum of all profiles status.

Execute on:

Minute: 9,19,29,39,49,58

Command line: CTXSPIProfilesLog.cmd

CTXSPI-LogXAUserLogonProcess

Logs XenApp server user logon process performance information.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPIsldLog.cmd

CTXSPI-ServerConfigLogging

Logs Citrix-specific configuration information for a XenApp server.

Execute on:

Minute: 17

Command line: CTXSPIFarmLogUx.cmd

CTXSPI-ServicesLogging

Logs selected performance data for XenApp server services.

Execute on:

Minute: 1,6,11,16,21,26,31,36,41,46,51,56

Command line: CTXSPICollectPerf.cmd CTXSPI_SVCS

CTXSPI-SessionsExLogging

Logs extended performance data for Citrix sessions.

Execute on:

Minute: 3,8,13,18,23,28,33,38,43,48,53,58

Command line: CTXSPIsesxLogUx.cmd

CTXSPI-SessionsICALogging

Logs selected performance data for Citrix ICA sessions.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPICollectPerf.cmd CTXSPI_SICA

CTXSPI-SessionsTSSLogging

Logs selected performance data for Terminal Services sessions.

Execute on:

Minute: 2,7,12,17,22,27,32,37,42,47,52,57

Command line: CTXSPICollectPerf.cmd CTXSPI_SESS

CTXSPI-XA Discovery

CTXSPI-ChkServiceModel

Periodically checks Citrix service model and sends message if any changes to model occurred. Automatic action uploads new model.

Execute every: 24h

Command line: CTXSPISwitch.cmd chkmodel CTXSPI-ChkServiceModel

Rules:

Description: No previous service model information exists (COMP returns ERRORLEVEL == 2)

Treshold: 2

Severity: Warning

Description: Service model has changed (COMP returns ERRORLEVEL == 1)

Treshold: 1

Severity: Warning

CTXSPI-DscServiceModel2

Retrieve external signal to trigger Citrix infrastructure service map discovery.

Rules:

Description: Force service model update

Treshold: 0

Severity: Warning

CTXSPI-XA Quick Start

CTXSPI-XA Logon Process

CTXSPI-ChkXAUserLogonProcess

Monitors duration of the complete XenApp server user logon process.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkpslogon Phase0 CTXSPI-ChkXAUserLogonProcess

Rules:

Object: <*>

Description: Data available - major

Treshold: 180000

Severity: Major

Object: <*>

Description: Data available - timeout

Treshold: 1000000000

Severity: Major

Object: <*>

Description: Data available - warning

Threshold: 120000
Severity: Warning

CTXSPI-ChkXAUserLogonProcessCompleted

Monitors whether all phases of the user logon process have completed successfully on the XenApp server.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkpslogon Completed CTXSPI-ChkXAUserLogonProcessCompleted

Rules:

Object: <*>

Description: Data available - major

Threshold: 4

Severity: Major

CTXSPI-XA Services

CTXSPI-ChkCitrixXAServices

Monitors all mandatory and optional XenApp server services.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkctxsvc CTXSPI-ChkCitrixXAServices

Rules:

Object: ADF Installer

Description: ADF Installer service not running

Threshold: 0

Severity: Major

Object: ADF Installer

Description: ADF Installer service running

Threshold: 1

Severity: Normal

Object: CdfSvc

Description: CdfSvc service running

Threshold: 1

Severity: Normal

Object: CdfSvc
Description: CdfSvc service not running
Threshold: 0
Severity: Minor

Object: CdmService
Description: CdmService service not installed
Threshold: 2
Severity: Critical

Object: CdmService
Description: CdmService service not running
Threshold: 0
Severity: Critical

Object: CdmService
Description: CdmService service running
Threshold: 1
Severity: Normal

Object: Citrix 64-bit Virtual Memory Optimization
Description: Citrix 64-bit Virtual Memory Optimization service not running
Threshold: 0
Severity: Major

Object: Citrix 64-bit Virtual Memory Optimization
Description: Citrix 64-bit Virtual Memory Optimization service running
Threshold: 1
Severity: Normal

Object: Citrix Encryption Service
Description: Citrix Encryption Service service not running
Threshold: 0
Severity: Critical

Object: Citrix Encryption Service
Description: Citrix Encryption Service service not installed

Threshold: 2
Severity: Critical

Object: Citrix Encryption Service
Description: Citrix Encryption Service service running
Threshold: 1
Severity: Normal

Object: Citrix EUEM
Description: End User Experiencing Monitoring service not running
Threshold: 0
Severity: Major

Object: Citrix EUEM
Description: End User Experiencing Monitoring service running
Threshold: 1
Severity: Normal

Object: Citrix SMA Service
Description: Citrix SMA Service service not running
Threshold: 0
Severity: Major

Object: Citrix SMA Service
Description: Citrix SMA Service service running
Threshold: 1
Severity: Normal

Object: Citrix SSL Relay
Description: Citrix SSL Relay service not running
Threshold: 0
Severity: Major

Object: Citrix SSL Relay
Description: Citrix SSL Relay service running
Threshold: 1
Severity: Normal

Object: Citrix Virtual Memory Optimization
Description: Citrix Virtual Memory Optimization service not running
Threshold: 0
Severity: Major

Object: Citrix Virtual Memory Optimization
Description: Citrix Virtual Memory Optimization service running
Threshold: 1
Severity: Normal

Object: CitrixHealthMon
Description: CitrixHealthMon service not running
Threshold: 0
Severity: Critical

Object: CitrixHealthMon
Description: CitrixHealthMon service not installed
Threshold: 2
Severity: Critical

Object: CitrixHealthMon
Description: CitrixHealthMon service running
Threshold: 1
Severity: Normal

Object: CitrixWMIService
Description: CitrixWMIService service not running
Threshold: 0
Severity: Major

Object: CitrixWMIService
Description: CitrixWMIService service running
Threshold: 1
Severity: Normal

Object: CitrixXTEServer

Description: CitrixXTEServer service not running
Threshold: 0
Severity: Major

Object: CitrixXTEServer
Description: CitrixXTEServer service running
Threshold: 1
Severity: Normal

Object: cpsvc
Description: cpsvc service not running
Threshold: 0
Severity: Major

Object: cpsvc
Description: cpsvc service running
Threshold: 1
Severity: Normal

Object: ctxcpuSched
Description: ctxcpuSched service not running
Threshold: 0
Severity: Major

Object: ctxcpuSched
Description: ctxcpuSched service running
Threshold: 1
Severity: Normal

Object: CTXCPUUsync
Description: CTXCPUUsync service not running
Threshold: 0
Severity: Major

Object: CTXCPUUsync
Description: CTXCPUUsync service running
Threshold: 1

Severity: Normal

Object: CtxHttp

Description: CtxHttp service not running

Threshold: 0

Severity: Major

Object: CtxHttp

Description: CtxHttp service running

Threshold: 1

Severity: Normal

Object: Encryption Service

Description: Encryption Service service not installed

Threshold: 2

Severity: Critical

Object: Encryption Service

Description: Encryption Service service not running

Threshold: 0

Severity: Critical

Object: Encryption Service

Description: Encryption Service service running

Threshold: 1

Severity: Normal

Object: IMAAdvanceService

Description: IMAAdvanceService service not installed

Threshold: 2

Severity: Critical

Object: IMAAdvanceService

Description: IMAAdvanceService service not running

Threshold: 0

Severity: Critical

Object: IMAAdvanceService
Description: IMAAdvanceService service running
Treshold: 1
Severity: Normal

Object: IMAService
Description: IMAService service not installed
Treshold: 2
Severity: Critical

Object: IMAService
Description: IMAService service not running
Treshold: 0
Severity: Critical

Object: IMAService
Description: IMAService service running
Treshold: 1
Severity: Normal

Object: MFCom
Description: MFCom service not running
Treshold: 0
Severity: Critical

Object: MFCom
Description: MFCom service not installed
Treshold: 2
Severity: Critical

Object: MFCom
Description: MFCom service running
Treshold: 1
Severity: Normal

Object: RadeSvc
Description: RadeSvc service not running

Threshold: 0
Severity: Critical

Object: RadeSvc
Description: RadeSvc service not installed
Threshold: 2
Severity: Critical

Object: RadeSvc
Description: RadeSvc service running
Threshold: 1
Severity: Normal

Object: ResourceManagerMail
Description: ResourceManagerMail service not running
Threshold: 0
Severity: Major

Object: ResourceManagerMail
Description: ResourceManagerMail service running
Threshold: 1
Severity: Normal

CTXSPI-ChkIMAServiceAdvanced

Monitors Citrix Independent Management Architecture service availability by periodically enumerating published applications on a XenApp server.

Execute every: 5m7s

Command line: CTXSPISwitch.cmd chkIMAService CTXSPI-ChkIMAServiceAdvanced

Rules:

Description: If service is not responding to application enumeration query, send a message

Threshold: 1

Severity: Critical

CTXSPI-ChkOsAndTSServices

Monitors all mandatory and optional Windows and Terminal Server services.

Execute every: 5m

Command line: CTXSPIswitch.cmd chkostssvc CTXSPI-ChkOsAndTSServices

Rules:

Object: Netlogon

Description: Netlogon service not running

Threshold: 0

Severity: Critical

Object: Netlogon

Description: Netlogon service running

Threshold: 1

Severity: Normal

Object: SessionEnv

Description: Terminal Services Configuration service not running

Threshold: 0

Severity: Normal

Object: SessionEnv

Description: Terminal Services Configuration service running

Threshold: 1

Severity: Normal

Object: Spooler

Description: Spooler service not running

Threshold: 0

Severity: Major

Object: Spooler

Description: Spooler service running

Threshold: 1

Severity: Normal

Object: TermService

Description: TermService service not running

Threshold: 0

Severity: Critical

Object: TermService
Description: TermService service not installed
Threshold: 2
Severity: Critical

Object: TermService
Description: TermService service running
Threshold: 1
Severity: Normal

Object: Tssdis
Description: Tssdis service not running
Threshold: 0
Severity: Major

Object: Tssdis
Description: Tssdis service running
Threshold: 1
Severity: Normal

Object: UmRdpService
Description: Terminal Services UserMode Port Redirector service not running
Threshold: 0
Severity: Normal

Object: UmRdpService
Description: Terminal Services UserMode Port Redirector service running
Threshold: 1
Severity: Normal

CTXSPI-FwdCitrixRuntimeError
Forwards runtime errors of Citrix services.
Event log name: %SYSTEM_LOG%
Rules:
Description: Forwards runtime library errors
Severity: Normal Warning Critical

CTXSPI-FwdCitrixXAAppWarnError

Forwards all Citrix Application Warning/Error event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: warn/error of Citrix 64-bit Virtual Memory Optimization

Severity: Critical Warning

CTXSPI-FwdCitrixXASysWarnError

Forwards all Citrix System Warning/Error event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: warn/error of Cdm

Severity: Critical Warning

CTXSPI-FwdOsAndTSAppWarnError

Forwards all OS and Terminal Server Application Warning/Error event log entries.

Event log name: %APPLICATION_LOG%

Rules:

Description: warn/error of SpoolerCtrls

Severity: Warning Critical

CTXSPI-FwdOsAndTSSysWarnError

Forwards all OS and Terminal Server System Warning/Error event log entries.

Event log name: %SYSTEM_LOG%

Rules:

Description: warn/error of TermDD

Severity: Warning Critical

CTXSPI-XA Sessions**CTXSPI-ChkICASessionLatencyAverage**

Monitors average latency of all ICA sessions.

Execute every: 5m

Rules:

Description: If session average latency is major

Treshold: 700

Severity: Major

Description: If session average latency is warning

Treshold: 400

Severity: Warning

CTXSPI-ChkICASessionLatencyDeviation

Monitors latency deviation of all ICA sessions.

Execute every: 5m

Rules:

Description: major

Threshold: 2000

Severity: Major

Description: warning

Threshold: 1000

Severity: Warning

CTXSPI-ChkICASessionLatencyLast

Monitors last recorded latency of all ICA sessions.

Execute every: 5m

Rules:

Description: If current ICA session latency is major

Threshold: 1000

Severity: Major

Description: If current ICA session latency is warning

Threshold: 700

Severity: Warning

CTXSPI-ChkProcessesNum

Monitors number of processes on a XenApp server.

Execute every: 5m

Command line: CTXSPIswitch.cmd cntprocs CTXSPI-ChkProcessesNum

Rules:

Description: If number of processes is very high, send a major

Threshold: 500

Severity: Major

Description: If number of processes is high, send a warning

Threshold: 300
Severity: Warning

CTXSPI-ChkSessionHandleCount

Monitors handle count use of individual ICA session.

Execute every: 5m

Rules:

Object: <*>

Description: Other - major

Threshold: 20000

Severity: Major

Object: <*>

Description: Other - warning

Threshold: 15000

Severity: Warning

CTXSPI-ChkSessionPageFileBytes

Monitors page file bytes (virtual memory) of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If page file bytes used by any other session is major

Threshold: 384000000

Severity: Major

Object: <*>

Description: If page file bytes used by any other session is warning

Threshold: 256000000

Severity: Warning

CTXSPI-ChkSessionProcessorTime

Monitors processor time use (in %) of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If any other session processor time (in %) is major
Treshold: 90 FOR "30s"
Severity: Major

Object: <*>

Description: If any other session processor time (in %) is warning
Treshold: 70 FOR "30s"
Severity: Warning

CTXSPI-ChkSessionsActive

Monitors number of active sessions on a XenApp server.

Execute every: 4m53s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsActive active

Rules:

Description: If number of active sessions is very high, send a major

Treshold: 100

Severity: Major

Description: If number of active sessions is high, send a warning

Treshold: 70

Severity: Warning

CTXSPI-ChkSessionsAll

Monitors number of all sessions on a XenApp server.

Execute every: 5m31s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsAll all

Rules:

Description: If number of all sessions is very high, send a major

Treshold: 120

Severity: Major

Description: If number of all sessions is high, send a warning

Treshold: 90

Severity: Warning

CTXSPI-ChkSessionsDisconnected

Monitors number of disconnected sessions on a XenApp server.

Execute every: 5m17s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsDisconnected disconnected

Rules:

Description: If number of disconnected sessions is very high, send a major

Threshold: 50

Severity: Major

Description: If number of disconnected sessions is high, send a warning

Threshold: 30

Severity: Warning

CTXSPI-ChkSessionsListening

Monitors number of sessions in listening state on a XenApp server.

Execute every: 5m11s

Command line: CTXSPISwitch.cmd cntsess CTXSPI-ChkSessionsListening listening

Rules:

Description: major

Threshold: 1

Severity: Major

CTXSPI-ChkSessionThreadCount

Monitors thread count use of individual ICA session.

Execute every: 5m

Rules:

Object: <*>

Description: Other - major

Threshold: 1000

Severity: Major

Object: <*>

Description: Other - warning

Threshold: 800

Severity: Warning

CTXSPI-ChkSessionTotalBytes

Monitors total number of session bytes of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: all other sessions - major

Treshold: 4000000

Severity: Major

Object: <*>

Description: all other sessions - minor

Treshold: 2000000

Severity: Warning

CTXSPI-ChkSessionTotalErrors

Monitors total number of session errors of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If session total errors number is major

Treshold: 10

Severity: Major

Object: <*>

Description: If session total errors number is warning

Treshold: 3

Severity: Warning

CTXSPI-ChkSessionTotalFrames

Monitors total number of session frames of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If session total frames number is major

Treshold: 512

Severity: Major

Object: <*>

Description: If session total frames number is warning

Threshold: 256

Severity: Warning

CTXSPI-ChkSessionTotalTimeouts

Monitors session network timeouts of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If session network total timeouts is major

Threshold: 10

Severity: Major

Object: <*>

Description: If session network total timeouts is warning

Threshold: 3

Severity: Warning

CTXSPI-ChkSessionTotalTransportErrors

Monitors session network transport errors of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: all other sessions - major

Threshold: 10

Severity: Major

Object: <*>

Description: all other sessions - warning

Threshold: 3

Severity: Warning

CTXSPI-ChkSessionWorkingSet

Monitors working set (physical memory) of all ICA sessions.

Execute every: 5m

Rules:

Object: <*>

Description: If any other session working set is major

Treshold: 256000000

Severity: Major

Object: <*>

Description: If any other session working set is warning

Treshold: 128000000

Severity: Warning

CTXSPI-XA User Profiles

CTXSPI-ChkProfileFullSize

Monitors profile full size.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilefullsize CTXSPI-ChkProfileFullSize

Rules:

Object: <*>

Description: major

Treshold: 100

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 70

Severity: Warning

CTXSPI-ChkProfileRoamingSize

Monitors profile roaming size.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofileroamingsize CTXSPI-ChkProfileRoamingSize

Rules:

Object: <*>

Description: major

Treshold: 90

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>

Description: warning

Treshold: 60

Severity: Warning

CTXSPI-ChkProfilesTotalRoamingSize

Monitors all profiles roaming size.

Execute every: 5m

Command line: CTXSPISwitch.cmd chkprofilesroamingsize CTXSPI-ChkProfilesTotalRoamingSize

Rules:

Object: <*>

Description: major

Treshold: 20000

Severity: Major

Object: <*>

Description: Normal

Treshold: 0

Severity: Normal

Object: <*>
Description: warning
Treshold: 15000
Severity: Warning

CTXSPI-ChkProfilesTotalSize

Monitors all profiles size.
Execute every: 5m
Command line: CTXSPISwitch.cmd chkprofilestotalsize CTXSPI-ChkProfilesTotalSize
Rules:
Object: <*>
Description: major
Treshold: 30000
Severity: Major

Object: <*>
Description: Normal
Treshold: 0
Severity: Normal

Object: <*>
Description: warning
Treshold: 25000
Severity: Warning

CTXSPI-XA Zones

CTXSPI-ChkDCChanges

Detects Data Collector change in farm's zone.
Execute every: 6m29s
Command line: CTXSPISwitch.cmd chkdc CTXSPI-ChkDCChanges
Rules:
Description: Data Collector change in zone occurred
Treshold: 0
Severity: Warning

Data Source Metrics

Below is a list of performance data collected on a specific managed node.

Application Probing Server

Below is a short description of data sources and corresponding metrics that are collected on the Application Probing Server managed node:

CTXSPI_AVAILA

Application availability performance information

UNIQUEKEY

The dummy key

Type: TEXT

STARTTIME

The start time of the measurement

Type: NUMERIC

SEQUENCE

The probing application sequence

Type: NUMERIC

APPLICATION

The name of the published application

Type: TEXT

HOST

The name of the XenApp server that was selected by the load-balancing to launch the application

Type: TEXT

USER

The name of the probing user

Type: TEXT

SITE

The Web Interface site URL

Type: TEXT

WICONNECTION

The duration of the Web Interface logon page response (in ms)

Type: NUMERIC

WIENUMERATION

The duration of the application enumeration (in ms)

Type: NUMERIC

WIREQUEST

The duration of handing the application load balancing request (in ms)

Type: NUMERIC

ICACONNECTION

The duration of the ICA client initialization and initial connect to the target XenApp host (in ms)

Type: NUMERIC

ICALAUNCH

The duration of the application launch (in ms)

Type: NUMERIC

COMPLETED

The number of completed phases

Type: NUMERIC

STATUS

The description of an error (if applicable)

Type: TEXT

HISTORY

History of opened application windows

Type: TEXT

WITIME

The duration of all Web Interface phases (in ms)

Type: NUMERIC

ICATIME

The duration of all ICA client phases (in ms)

Type: NUMERIC

TOTALTIME

The duration of all phases (in ms)

Type: NUMERIC

RESERVED1

Reserved for future use

Type: NUMERIC

RESERVED2

Reserved for future use

Type: NUMERIC

RESERVED3

Reserved for future use

Type: NUMERIC

Citrix License Server

Below is a short description of data sources and corresponding metrics that are collected on the Citrix License Server managed node:

CTXSPI_LSLU

Citrix License Server license usage

FEATURENAME

The Citrix License Server feature name

Type: TEXT

NRAVAIL

The number of available feature licenses

Type: NUMERIC

NRUSED

The number of user feature licenses

Type: NUMERIC

PCTUSED

The % of used feature licenses

Type: NUMERIC

Desktop Delivery Controller

Below is a short description of data sources and corresponding metrics that are collected on the Desktop Delivery Controller managed node:

CTXSPI_DDC

Desktop utilization information

GROUPNAME

The name of the desktop group

Type: TEXT

SESSALL

The number of all sessions in the desktop group

Type: NUMERIC

SESSACTIVE

The number of active sessions in the desktop group

Type: NUMERIC

SESSDISCONNECTED

The number of disconnected sessions in the desktop group

Type: NUMERIC

DESKTOPSALL

The number of all desktops in the desktop group

Type: NUMERIC

DESKTOPSIDLE

The number of idle desktops in the desktop group

Type: NUMERIC

DESKTOPSNOTREG

The number of not registered desktops in the desktop group

Type: NUMERIC

CTXSPI_DDCFARM

Desktop group farm information

DDCFARMNAME

The name of the Desktop Delivery Controller farm

Type: NUMERIC

CTXSPI_DDCSVCS

Desktop Delivery Controller service resource consumption

HINSTANCENAME

The name of a Desktop Delivery Controller service

Type: TEXT

PCTPROCESSORTIME

The % of the processor time consumption of a Desktop Delivery Controller service (in %)

Type: NUMERIC

WORKINGSET

Physical memory consumption of a Desktop Delivery Controller service (in bytes)

Type: NUMERIC

PAGEFILEBYTES

Virtual memory consumption of a Desktop Delivery Controller service (in bytes)

Type: NUMERIC

Provisioning Server

Below is a short description of data sources and corresponding metrics that are collected on the Provisioning Server managed node:

CTXSPI_PVS_NETLOAD

Network traffic information on a Provisioning Server

HINSTANCENAME

The name of a network adapter.

Type: TEXT

TOTALBYTESPERSEC

Total Bytes Total/sec is the rate at which bytes are sent and received over each network adapter, including framing characters. Network Interface\Bytes Total/sec is a sum of Network Interface\Bytes Received/sec and Network Interface\Bytes Sent/sec.

Type: NUMERIC

BANDWIDTH

Current Bandwidth is an estimate of the current bandwidth of the network interface in bits per second (BPS).

Type: NUMERIC

CTXSPI_PVSCACHE

Virtual disk cache usage

DEVICENAME

The name of the device

Type: TEXT

STORENAME

The name of the virtual disk storage

Type: TEXT

VDISKNAME

The name of the virtual disk

Type: TEXT

CACHESIZE

The current size of the cache file in the store cache folder

Type: NUMERIC

RAMUTIL

The current RAM disk cache utilization

Type: NUMERIC

CTXSPI_PVSFARM

Device farm and site information

PVSFARMNAME

The name of the PVS farm

Type: TEXT

SITENAME

The name of the site

Type: NUMERIC

CTXSPI_PVSSVCS

Provisioning Server service resource consumption

HINSTANCENAME

The name of a Provisioning Server service

Type: TEXT

PCTPROCESSORTIME

The % of the processor time consumption of a Provisioning Server service (in %)

Type: NUMERIC

WORKINGSET

Physical memory consumption of a Provisioning Server service (in bytes)

Type: NUMERIC

PAGEFILEBYTES

Virtual memory consumption of a Provisioning Server service (in bytes)

Type: NUMERIC

Secure Gateway

Below is a short description of data sources and corresponding metrics that are collected on the Secure Gateway managed node:

CTXSPI_SGS3

Secure Gateway 3.x performance information

DUMMYKEY

The dummy key

Type: TEXT

BYTESSECFROMCL

Network traffic per second from all client connections

Type: NUMERIC

BYTESSECTOCL

Network traffic per second to all client connections

Type: NUMERIC

AVGCLCONNTIME

The average client connect time

Type: NUMERIC

CONNSPERSEC

Connections per second

Type: NUMERIC

CONNSTOTALACT

The total number of active connections

Type: NUMERIC

CONNSTOTALPEND

The total number of pending connections

Type: NUMERIC

SSLHANDPEND

The number of pending SSL handshakes

Type: NUMERIC

SSLHANDPERSEC

The number of SSL handshakes per second

Type: NUMERIC

SSLHANDAVGTIME

The average SSL handshake time

Type: NUMERIC

Web Interface

Below is a short description of data sources and corresponding metrics that are collected on the Web Interface managed node:

CTXSPI_AVAILB

XML broker availability performance information

UNIQUEKEY

The dummy key

Type: TEXT

STARTTIME

The start time of the measurement

Type: NUMERIC

MEASUREMENTID

GUID identifying site and its components measurement

Type: TEXT

FARMNAME

The name of the farm the broker is part of

Type: TEXT

BROKERNAME

The name of the XML broker that was tested

Type: TEXT

ENUMERATION

The duration of the application enumeration (in ms)

Type: NUMERIC

COMPLETED

The number of completed phases

Type: NUMERIC

STATUS

The description of an error (if applicable)

Type: TEXT

DURATION

The total duration of the broker availability

Type: NUMERIC

RESERVED1

Reserved for future use

Type: NUMERIC

RESERVED2

Reserved for future use

Type: NUMERIC

RESERVED3

Reserved for future use

Type: NUMERIC

CTXSPI_AVAILF

XenApp or XenDesktop's farm availability performance information

UNIQUEKEY

The dummy key

Type: TEXT

STARTTIME

The start time of the measurement

Type: NUMERIC

MEASUREMENTID

The GUID identifying site and its components measurement

Type: TEXT

FARMNAME

The name of the farm

Type: TEXT

HOSTNAME

The name of the XenApp/DDC server that was selected by the application/desktop load-balancing

Type: TEXT

APPLICATIONNAME

The name of the requested application/desktop

Type: TEXT

ENUMERATION

The duration of the application enumeration (in ms)

Type: NUMERIC

REQUEST

The duration of handling the application request (in ms)

Type: NUMERIC

ADDRESSREQUEST

The duration of handling the host address request (in ms)

Type: NUMERIC

TICKETREQUEST

The duration of handling the ticket request (in ms)

Type: NUMERIC

COMPLETED

The number of completed phases

Type: NUMERIC

STATUS

The description of an error (if applicable)

Type: TEXT

DURATION

The total duration of the farm availability

Type: NUMERIC

RESERVED1

Reserved for future use

Type: NUMERIC

RESERVED2

Reserved for future use

Type: NUMERIC

RESERVED3

Reserved for future use

Type: NUMERIC

CTXSPI_AVAILS

Web Interface site availability performance information

UNIQUEKEY

The dummy key

Type: TEXT

STARTTIME

The start time of the measurement

Type: NUMERIC

MEASUREMENTID

The GUID identifying site and its components measurement

Type: TEXT

SITEURL

The Web Interface site URL

Type: TEXT

CONNECTION

The duration of the Web Interface logon page response (in ms)

Type: NUMERIC

ENUMERATION

The duration of the application enumeration of all farms that are configured for this site (in ms)

Type: NUMERIC

COMPLETED

The number of completed phases

Type: NUMERIC

STATUS

The description of an error (if applicable)

Type: TEXT

DURATION

The total duration of the farm availability

Type: NUMERIC

RESERVED1

Reserved for future use

Type: NUMERIC

RESERVED2

Reserved for future use

Type: NUMERIC

RESERVED3

Reserved for future use

Type: NUMERIC

CTXSPI_WIFL

Web Interface failed user logon information

USERNAME

The username

Type: TEXT

NRFAILED

The number of failed user logons since last measurement

Type: NUMERIC

URL

The Web Interface site URL

Type: TEXT

CTXSPI_WILD

Web Interface failed user logon information

WILDKEY

The logon ID

Type: TEXT

DURATION

The user logon process duration (in ms)

Type: NUMERIC

STARTTIME

The time when user logon process started

Type: NUMERIC

URL

The Web Interface site URL

Type: TEXT

USERNAME

The username

Type: TEXT

XenApp server

Below is a short description of data sources and corresponding metrics that are collected on the XenApp server managed node:

CTXSPI_APPS

Published application usage

APPNAME

Fully-qualified name of the application

Type: TEXT

APPUSAGE

The number of running instances

Type: NUMERIC

CTXSPI_FARM

Farm and zone membership information

FARMNAME

The name of the farm the server is part of

Type: TEXT

ZONENAME

The name of the zone the server is part of

Type: NUMERIC

CTXSPI_PROFILE

User profile statistics for each individual user profile on a XenApp server

USERNAME

The username

Type: TEXT

FULL_SIZE

Full profile size

Type: NUMERIC

ROAMING_SIZE

The roaming profile size

Type: NUMERIC

FILE_COUNT

The number of all files in the profile

Type: NUMERIC

ROAMING_FILE_COUNT

The number of roaming files in the profile

Type: NUMERIC

TIME

Timestamp of the user profile measurement

Type: NUMERIC

EXECUTABLES_EXT

Extensions for executable files

Type: TEXT

EXECUTABLES_COUNT

The number of executable files in the profile

Type: NUMERIC

EXECUTABLES_SIZE

Total size of executable files in the profile

Type: NUMERIC

MEDIA_EXT

Extensions for media files

Type: TEXT

MEDIA_COUNT

The number of media files in the profile

Type: NUMERIC

MEDIA_SIZE

Total size of media files in the profile

Type: NUMERIC

CUSTOM_EXT

Extensions for custom files

Type: TEXT

CUSTOM_COUNT

The number of custom files in the profile

Type: NUMERIC

CUSTOM_SIZE

Total size of custom files in the profile

Type: NUMERIC

CTXSPI_PROFILES

User profile statistics for all user profiles on a XenApp server

TIME

Timestamp of the user profile measurement

Type: NUMERIC

FULL_SIZE

The full size of all profiles

Type: NUMERIC

ROAMING_SIZE

The roaming size of all profiles

Type: NUMERIC

FILE_COUNT

The number of all files in all profiles

Type: NUMERIC

ROAMING_FILE_COUNT

The number of roaming files in all profiles

Type: NUMERIC

EXECUTABLES_EXT

Extensions for executable files

Type: TEXT

EXECUTABLES_COUNT

The number of executable files in all profiles

Type: NUMERIC

EXECUTABLES_SIZE

Total size of executable files in all profiles

Type: NUMERIC

MEDIA_EXT

Extensions for media files

Type: TEXT

MEDIA_COUNT

The number of media files in all profiles

Type: NUMERIC

MEDIA_SIZE

Total size of media files in all profiles

Type: NUMERIC

CUSTOM_EXT

Extensions for custom files

Type: TEXT

CUSTOM_COUNT

The number of custom files in all profiles

Type: NUMERIC

CUSTOM_SIZE

Total size of custom files in all profiles

Type: NUMERIC

CTXSPI_PSLD

User logon process performance data

PSLDKEY

Logon ID

Type: TEXT

STARTTIME

The start time of the logon process

Type: NUMERIC

LOGONTYPE

Logon type (ICA or RDP session)

Type: NUMERIC

PHCOMPLETED

The number of completed logon phases

Type: NUMERIC

PH1PROFILE

The duration of the phase 1 of the logon process (in ms)

Type: NUMERIC

PH2POLICY

The duration of the phase 2 of the logon process (in ms)

Type: NUMERIC

PH3USERINIT

The duration of the phase 3 of the logon process (in ms)

Type: NUMERIC

PH4SCRIPTS

The duration of the phase 4 of the logon process (in ms)

Type: NUMERIC

PH5CTXINIT

The duration of the phase 5 of the logon process (in ms)

Type: NUMERIC

DURATION

Total duration of the user logon process

Type: NUMERIC

USERNAME

Username

Type: TEXT

CTXSPI_SESM

XenApp session summary information

SUMMKEY

Dummy key value

Type: TEXT

NUMALLSESS

The number of all sessions on a server

Type: NUMERIC

NUMACTSESS

The number of active session on a server

Type: NUMERIC

NUMDISCSESS

The number of disconnected sessions on a server

Type: NUMERIC

NUMAPPINST

The number of sessions running published applications on a server

Type: NUMERIC

NUMIPSESS

The number of IP sessions running on a server

Type: NUMERIC

NUMIPXSESS

The number of IPX sessions running on a server

Type: NUMERIC

NUMNETBIOSSESS

The number of NetBIOS sessions running on a server

Type: NUMERIC

NUMMODEMSESS

The number of modem sessions running on a server

Type: NUMERIC

NUMDESKTOPSESS

The number of desktop sessions running on a server

Type: NUMERIC

NUMPROCS

The number of processes running on a server

Type: NUMERIC

CTXSPI_SESS

Session performance information

HINSTANCENAME

The name of a user session

Type: TEXT

PCTPROCESSORTIME

The % of processor time consumption of a user session (in %)

Type: NUMERIC

WORKINGSET

Physical memory consumption of a user session (in bytes)

Type: NUMERIC

PAGEFILEBYTES

Virtual memory consumption of a user session (in bytes)

Type: NUMERIC

TOTALERRORS

Total network errors per second on a user session

Type: NUMERIC

TOTALFRAMES

Total network frames per second on a user session

Type: NUMERIC

TOTALTIMEOUTS

Total network timeouts per second that occurred on a user session

Type: NUMERIC

HANDLECOUNT

The number of session handles

Type: NUMERIC

THREADCOUNT

The number of session threads

Type: NUMERIC

TOTALBYTES

Total number of session bytes per second transferred

Type: NUMERIC

TOTALTRANSERRORS

Total number of session transmission errors

Type: NUMERIC

CTXSPI_SESX

Extended session information

SESSIONNAME

The name of a user application session

Type: TEXT

SESSIONID

The ID of a user application session

Type: NUMERIC

DOMAINNAME

The domain name of the user running the application session

Type: TEXT

USERNAME

The username of the user running the application session

Type: TEXT

STATE

The state of the user application session (active, disconnected, connected, and so on)

Type: TEXT

LOGONTIME

The logon time of the user application session (in seconds since 1.1.1970)

Type: NUMERIC

LASTINPUTTIME

The time when user made the last interactive input on an application session (in seconds since 1.1.1970)

Type: NUMERIC

ADDRFAMILY

The address family of a user application session (IP, IPX, NetBIOS)

Type: TEXT

ISMODEMSESS

Is the session a modem session (1 - session is a modem session, 0 - session is not a modem session)

Type: NUMERIC

APPDN

Fully-qualified name of the application running within a session

Type: TEXT

ISDESKTOPSESS

Is the session a desktop session (1 - session is a desktop session, 0 - session is not a desktop session)

Type: NUMERIC

CPUTIME

The cumulative amount of CPU time spent by the application session (in seconds)

Type: NUMERIC

WORKINGSETSIZE

The amount of physical memory currently spent by the application session (in bytes)

Type: NUMERIC

PAGEFILESIZE

The amount of virtual memory currently spent by the application on a session (in bytes)

Type: NUMERIC

CTXSPI_SICA

ICA session statistics

HINSTANCENAME

The name of a user ICA session

Type: TEXT

LATENCYLASTRECORDED

The last-recorded session latency on a user ICA session (in milliseconds)

Type: NUMERIC

LATENCYSESSIONAVERAGE

The average session latency on a user ICA session (in milliseconds)

Type: NUMERIC

LATENCYSESSIONDEV

The session latency deviation

Type: NUMERIC

CTXSPI_SVCS

XenApp service resource consumption

HINSTANCENAME

The name of a XenApp service

Type: TEXT

PCTPROCESSORTIME

The % of the processor time consumption of a XenApp service (in %)

Type: NUMERIC

WORKINGSET

Physical memory consumption of a XenApp service (in bytes)

Type: NUMERIC

PAGEFILEBYTES

Virtual memory consumption of a XenApp service (in bytes)

Type: NUMERIC

SPI for Citrix Graphs

The SPI for Citrix graph family contains the following graph categories and graphs:

APS - Application Availability

This graph category contains the following graphs:

Application availability through phases

Shows the application responsiveness through each phase for one day (select only one application instance)

Completed phases

Shows the probing completed phases

Unavailable applications

Shows all applications with issues (select all application instances)

Web Interface and ICA client response time

Shows the application responsiveness through Web Interface and ICA client part for one day (select only one application instance)

CLS - License Server

This graph category contains the following graphs:

Feature License Use

Shows the number of available and used feature licenses on a Citrix License Server

Feature License Utilization

Shows the percentage of used feature licenses on a Citrix License Server

DDC - Desktops

This graph category contains the following graphs:

XenDesktop Idle desktops

Shows the number of idle desktops in desktop group

XenDesktop Not-registered desktops

Shows the number of not-registered desktops in desktop group

DDC - Sessions

This graph category contains the following graphs:

Active XenDesktop sessions

Shows the number of active XenDesktop sessions in desktop group

All XenDesktop sessions

Shows the number of all XenDesktop sessions in desktop group

Disconnected XenDesktop sessions

Shows the number of disconnected XenDesktop sessions in desktop group

PVS - Device cache/network traffic

This graph category contains the following graphs:

Device disk cache size

Shows the disk cache size for each device on Provisioning Server

Device RAM disk utilization

Shows the RAM disk utilization for each device on Provisioning Server

PVS Network traffic

Shows the network traffic for Provisioning Server

SG - Connection Activity

This graph category contains the following graphs:

Connection Network Load

Shows the network traffic rate coming from clients and being delivered to clients on a Secure Gateway system

Connection Statistics

Shows the number of active connections, the number of pending connections, the number of connection per second, and the average client connect time on the Secure Gateway system

SSL Handshake Statistics

Shows the number of SSL handshakes per second, the number of pending SSL handshakes, and the average SSL handshake time on a Secure Gateway system

WI - User Logon Process

This graph category contains the following graphs:

Total User Logon Failures

Shows the total number of failed user logons on the Web Interface system

User Logon Failures

Shows the number of failed user logons for each individual user that logged-in to the Web Interface system

WI - Average User Logon Duration

Shows the average duration of the logon process for all users that logged-in to the Web Interface system

WI - Duration of User Logons

Shows duration of the logon process for each individual user that logged-in to the Web Interface system

XA - Active Session Load

This graph category contains the following graphs:

Active Sessions vs. System CPU

Shows the number of active sessions vs. system CPU utilization

Active Sessions vs. System Disk IO

Shows the number of active sessions vs. system disk IO rate

Active Sessions vs. System Network IO

Shows the number of active sessions vs. system network IO rate

Active Sessions vs. System Physical Memory

Shows the number of active sessions vs. system physical memory utilization

Active Sessions vs. System Virtual Memory

Shows the number of active sessions vs. system virtual memory utilization

XA - Application Usage

This graph category contains the following graphs:

Application Usage

Shows the application usage on the server

XA - Session Resource Use

This graph category contains the following graphs:

Session CPU (no Console)

Shows CPU consumption for individual sessions

Session Handle Count (no Console)

Shows number of handles used by individual sessions

Session Network Bytes (no Console)

Shows total number of session network bytes used by individual sessions

Session Network Errors (no Console)

Shows total number of session network errors for individual sessions

Session Network Frames (no Console)

Shows total number of session network frames used by individual sessions

Session Network Timeouts (no Console)

Shows total number of session network timeouts for individual sessions

Session Network Transport Errors (no Console)

Shows total number of session network transport errors for individual sessions

Session Physical Memory (no Console)

Shows physical memory consumption for individual sessions

Session Thread Count (no Console)

Shows number of threads used by individual sessions

Session Virtual Memory (no Console)

Shows virtual memory consumption for individual sessions

XA - Sessions

This graph category contains the following graphs:

Active Sessions

Shows the number of active sessions on the server

All Sessions

Shows the number of all sessions on the server

Application Instances

Shows the number of published application instances running across all sessions on the server

Desktop Sessions

Shows the number of desktop sessions on the server

Inactive Sessions

Shows the number of inactive sessions on the server

Session Processes

Shows the number of processes running across all sessions on the server

XA - User Logon Process

This graph category contains the following graphs:

Average User Logon Duration

Shows the average duration of the logon process for all users that logged-in to the system

Completed User Logon Process Phases

Shows the number of completed user logon process phases for each individual user that logged-in to the system

Duration of User Logons

Shows duration of the logon process for each individual user that logged-in to the system

User Logon Process Duration (Phase 1)

Shows duration of the phase 1 of the logon process for each individual user that logged-in to the system

User Logon Process Duration (Phase 2)

Shows duration of the phase 2 of the logon process for each individual user that logged-in to the system

User Logon Process Duration (Phase 3)

Shows duration of the phase 3 of the logon process for each individual user that logged-in to the system

User Logon Process Duration (Phase 4)

Shows duration of the phase 4 of the logon process for each individual user that logged-in to the system

User Logon Process Duration (Phase 5)

Shows duration of the phase 5 of the logon process for each individual user that logged-in to the system

XA - User Profiles

This graph category contains the following graphs:

Custom Files Count

Shows the number of custom-defined files across all user profiles on the system

Custom Files Size

Shows the total size of custom-defined files across all user profiles on the system

Executable Files Count

Shows the number of executable files present across all user profiles

Executable Files Size

Shows the total size of executable files present across all user profiles

Media Files Count

Shows the number of media files across all user profiles on the system

Media Files Size

Shows the total size of media files across all user profiles on the system

Profiles Size

Shows total and roaming size that all user profiles occupy on the system

SPI for Citrix Reports and Report Groups

When you install SPI for Citrix, a new top level report group is added in the HP Operations Manager administrator GUI. The SPI for Citrix report group contains all reports used for managing your Citrix environment.

When you use SPI for Citrix, reports are grouped by their purpose. This structure helps you to quickly find the report that you need to use.

NOTE

All reports require SPI for Citrix policies assigned on a server for at least two days.

Infrastructure Report Group

LS - Citrix License Server

CTXSPI_LsLicenseUse28Days

Citrix License Server license use (last 28 days)

SG - Citrix Secure Gateway

CTXSPI_Sg3ConnDetails28Days

Secure Gateway Connection Statistics (last 28 days)

CTXSPI_Sg3NetworkDetails28Days

Secure Gateway Connection Traffic Statistics (last 28 days)

CTXSPI_Sg3SSLHandshakeDetails28Days

Secure Gateway SSL Handshake Statistics (last 28 days)

WI - Citrix Web Interface

CTXSPI_WiAllLogonsPerUser28Days

All Web Interface User Logon Details (last 28 days)

CTXSPI_WiAvgLogonTimePerHourUrl28Days

Web Interface Average User Logon Time per Web Interface URL (last 28 days)

CTXSPI_WiAvgLogonTimePerHourUrlYesterday

Web Interface Average User Logon Time per Web Interface URL (yesterday)

CTXSPI_WiFarmAvail28Days

Farm Availability from Web Interface Perspective (last 28 days)

CTXSPI_WiFarmAvailBrokerXMLIssues28Days

XML Broker Issues (last 28 days)

CTXSPI_WiFarmAvailIssues28Days

Farm Availability Issues from Web Interface Perspective (last 28 days)

CTXSPI_WiFarmAvailPerfStat28Days

Web Interface Response Time (last 28 days)

CTXSPI_WiFarmAvailPerfStatYesterday

Web Interface Response Time (yesterday)

CTXSPI_WiFarmAvailYesterday

Farm Availability from Web Interface Perspective (yesterday)

CTXSPI_WiNrFailedLogonsPerUrl28Days

Number of Failed User Logons per Web Interface URL (last 28 days)

CTXSPI_WiTop10WiWorstLogonTime28Days

Top 10 Web Interfaces with Highest Average User Logon Time (last 28 days)

CTXSPI_WiTop10WiWorstLogonTimeYesterday

Top 10 Web Interfaces with Highest Average User Logon Time (yesterday)

CTXSPI_WiTop30UsersMostFailedLogons28Days

Top 30 Users with Highest Number of Failed Web Interface Logons (last 28 days)

CTXSPI_WiTop30UsersWorstLogonTime28Days

Top 30 Users with Highest Average Web Interface Logon Time (last 28 days)

Support Report Group

CTXSPI Support

CTXSPI_SupportApps

Support report for CTXSPI_APPS

CTXSPI_SupportAppsSum

Support report for CTXSPI_APPS_SUM

CTXSPI_SupportAvaila

Support report for CTXSPI_AVAILA

CTXSPI_SupportAvailb

Support report for CTXSPI_AVAILB

CTXSPI_SupportAvailf

Support report for CTXSPI_AVAILF

CTXSPI_SupportAvails

Support report for CTXSPI_AVAILS

CTXSPI_SupportDDC

Support report for CTXSPI_DDC

CTXSPI_SupportDDCFarm

Support report for CTXSPI_DDCFARM

CTXSPI_SupportDDCFarmOneV

Support report for CTXSPI_DDCFARM_ONE_V

CTXSPI_SupportDDCSvcs

Support report for CTXSPI_DDCSVCS

CTXSPI_SupportFarm

Support report for CTXSPI_FARM

CTXSPI_SupportFarmOneV

Support report for CTXSPI_FARM_ONE_V

CTXSPI_SupportLslu

Support report for CTXSPI_LSLU

CTXSPI_SupportProfile

Support report for CTXSPI_PROFILE

CTXSPI_SupportProfiles

Support report for CTXSPI_PROFILES

CTXSPI_SupportPslid

Support report for CTXSPI_PSLD

CTXSPI_SupportPVS_Netload

Support report for CTXSPI_PVS_NETLOAD

CTXSPI_SupportPVSCache

Support report for CTXSPI_PVSCACHE

CTXSPI_SupportPVSFarm

Support report for CTXSPI_PVSFARM

CTXSPI_SupportPVSFarmOneV

Support report for CTXSPI_PVSFARM_ONE_V

CTXSPI_SupportPVSSvcs

Support report for CTXSPI_PVSSVCS

CTXSPI_SupportSesm

Support report for CTXSPI_SESM

CTXSPI_SupportSesmSum

Support report for CTXSPI_SESM_SUM

CTXSPI_SupportSess

Support report for CTXSPI_SESS

CTXSPI_SupportSessSum

Support report for CTXSPI_SESS_SUM

CTXSPI_SupportSesx

Support report for CTXSPI_SESX

CTXSPI_SupportSesxAppDn

Support report for CTXSPI_SESX / APPDN not NULL

CTXSPI_SupportSesxSum

Support report for CTXSPI_SESX_SUM

CTXSPI_SupportSesxSumAppDn

Support report for CTXSPI_SESX_SUM / APPDN not NULL

CTXSPI_SupportSgs3

Support report for CTXSPI_SGS3

CTXSPI_SupportSica

Support report for CTXSPI_SICA

CTXSPI_SupportSicaSum

Support report for CTXSPI_SICA_SUM

CTXSPI_SupportWifl

Support report for CTXSPI_WIFL

CTXSPI_SupportWild

Support report for CTXSPI_WILD

XS - Support reports**CTXSPI_SupportHostProp**

Support report for CTXSPI_HOST_PROPS

CTXSPI_SupportHostStat

Support report for CTXSPI_HOST_STATS

CTXSPI_SupportNetwProp

Support report for CTXSPI_NETWORK_PROPS

CTXSPI_SupportNetwStat

Support report for CTXSPI_NETWORK_STATS

CTXSPI_SupportPoolProp

Support report for CTXSPI_POOL_PROPS

CTXSPI_SupportPoolStat

Support report for CTXSPI_POOL_STATS

CTXSPI_SupportSRProp

Support report for CTXSPI_STORAGE_PROPS

CTXSPI_SupportSRStat

Support report for CTXSPI_STORAGE_STATS

CTXSPI_SupportVMProp

Support report for CTXSPI_GUEST_PROPS

CTXSPI_SupportVMStat

Support report for CTXSPI_GUEST_STATS

XenApp Report Group**PS - Accounting****CTXSPI_PsAccountingAppMonthFarm**

Application Accounting Information (farm/last month)

CTXSPI_PsAccountingUserMonthFarm

User Accounting Information (farm/last month)

PS - Application Availability**CTXSPI_PsAppsAvail28Days**

Top 10 Most and Least Available Applications (last 28 days)

CTXSPI_PsAppsAvailPerfStat28Days

Top 10 Slowest and Fastest Responding Applications (last 28 days)

CTXSPI_PsAppsAvailSrvIssues28Days

Application Availability Issues on ICA Client Level (WI/last 28 days)

CTXSPI_PsAppsAvailSrvWorsePerfStatDetails28Days

XenApp Response Time Details (server/last 28 days)

CTXSPI_PsAppsAvailWilIssues28Days

Application Availability Issues on Web Interface Level (WI/last 28 days)

CTXSPI_PsAppsAvailWIWorsePerfStatDetails28Days

Web Interface Response Time Details (Web Interface/last 28 days)

CTXSPI_PsAppsAvailWorsePerfStatOverview28Days

Web Interface and XenApp Responsiveness (last 28 days)

PS - Published Applications**CTXSPI_PsAppNrConcurrUsers28DaysFarm**

Number of Concurrent Published Application Users (farm/last 28 days)

CTXSPI_PsAppNrConcurrUsers28DaysServer

Number of Concurrent Published Application Users (server/last 28 days)

CTXSPI_PsAppNrConcurrUsersDayFarm

Number of Concurrent Published Application Users (farm/yesterday)

CTXSPI_PsAppNrConcurrUsersDayServer

Number of Concurrent Published Application Users (server/yesterday)

CTXSPI_PsAppNrUsers28DaysFarm

Number of Published Application Users (farm/last 28 days)

CTXSPI_PsAppNrUsers28DaysServer

Number of Published Application Users (server/last 28 days)

CTXSPI_PsAppNrUsersDayFarm

Number of Published Application Users (farm/yesterday)

CTXSPI_PsAppNrUsersDayServer

Number of Published Application Users (server/yesterday)

CTXSPI_PsPublAppUseStat28DaysFarm

Published Application Use Statistics (farm/last 28 days)

CTXSPI_PsPublAppUseStat28DaysServer

Published Application Use Statistics (server/last 28 days)

CTXSPI_PsTopAppCpu28DaysFarm

Top 10 Published Applications by CPU use (farm/last 28 days)

CTXSPI_PsTopAppCpu28DaysServer

Top 10 Published Applications by CPU use (server/last 28 days)

CTXSPI_PsTopAppCpuDayFarm

Top 10 Published Applications by CPU use (farm/yesterday)

CTXSPI_PsTopAppCpuDayServer

Top 10 Published Applications by CPU use (server/yesterday)

CTXSPI_PsTopAppMem28DaysFarm

Top 10 Published Applications by Memory use (farm/last 28 days)

CTXSPI_PsTopAppMem28DaysServer

Top 10 Published Applications by Memory use (server/last 28 days)

CTXSPI_PsTopAppMemDayFarm

Top 10 Published Applications by Memory use (farm/yesterday)

CTXSPI_PsTopAppMemDayServer

Top 10 Published Applications by Memory use (server/yesterday)

CTXSPI_PsTopAppNumInst28DaysFarm

Top 10 Published Applications by Nr. of Launched Instances (farm/last 28 days)

CTXSPI_PsTopAppNumInst28DaysServer

Top 10 Published Applications by Nr. of Launched Instances (server/last 28 days)

CTXSPI_PsTopAppNumInstDayFarm

Top 10 Published Applications by Nr. of Launched Instances (farm/yesterday)

CTXSPI_PsTopAppNumInstDayServer

Top 10 Published Applications by Nr. of Launched Instances (server/yesterday)

PS - Servers**CTXSPI_PsTopSrvSessAvgLat28DaysFarm**

Top 10 Servers with Highest Average Session Latency (farm/last 28 days)

CTXSPI_PsTopSrvSessAvgLatDayFarm

Top 10 Servers with Highest Average Session Latency (farm/yesterday)

CTXSPI_PsTopSrvSessLatDev28DaysFarm

Top 10 Servers with Highest Session Latency Deviation (farm/last 28 days)

CTXSPI_PsTopSrvSessLatDevDayFarm

Top 10 Servers with Highest Session Latency Deviation (farm/yesterday)

CTXSPI_PsTopSrvSvcscpu28DaysFarm

Top 10 Servers with Highest Citrix Services CPU use (farm/last 28 days)

CTXSPI_PsTopSrvSvcsCpuDayFarm

Top 10 Servers with Highest Citrix Services CPU use (farm/yesterday)

CTXSPI_PsTopSrvSvcsMem28DaysFarm

Top 10 Servers with Highest Citrix Services Memory use (farm/last 28 days)

CTXSPI_PsTopSrvSvcsMemDayFarm

Top 10 Servers with Highest Citrix Services Memory use (farm/yesterday)

CTXSPI_PsTopSrvSvcsSwap28DaysFarm

Top 10 Servers with Highest Citrix Services Swap use (farm/last 28 days)

CTXSPI_PsTopSrvSvcsSwapDayFarm

Top 10 Servers with Highest Citrix Services Swap use (farm/yesterday)

PS - Sessions**CTXSPI_PsSessionsLogonLogoff28DaysFarm**

Session Logon/Logoff Activity (farm/last 28 days)

CTXSPI_PsSessionsLogonLogoff28DaysServer

Session Logon/Logoff Activity (server/last 28 days)

CTXSPI_PsSessionsLogonLogoffFarm

Session Logon/Logoff Activity (farm/yesterday)

CTXSPI_PsSessionsLogonLogoffServer

Session Logon/Logoff Activity (server/yesterday)

CTXSPI_PsSessionsState28DaysFarm

Session State Activity (farm/last 28 days)

CTXSPI_PsSessionsState28DaysServer

Session State Activity (server/last 28 days)

CTXSPI_PsSessionsStateFarm

Session State Activity (farm/yesterday)

CTXSPI_PsSessionsStateServer

Session State Activity (server/yesterday)

CTXSPI_PsSessionsUserstatFarm

User's Sessions Duration and Resource Consumption (farm/yesterday)

PS - Threshold Assistant**CTXSPI_PsThrAssSessCpuMem28DaysFarm**

Threshold Assistant for Session CPU and Memory Policies (farm/last 28 days)

CTXSPI_PsThrAssSessCpuMem28DaysServer

Threshold Assistant for Session CPU and Memory Policies (server/last 28 days)

CTXSPI_PsThrAssSessNetLat28DaysFarm

Threshold Assistant for Session Network Latency Policies (farm/last 28 days)

CTXSPI_PsThrAssSessNetLat28DaysServer

Threshold Assistant for Session Network Latency Policies (server/last 28 days)

CTXSPI_PsThrAssSessNetTra28DaysFarm

Threshold Assistant for Session Network Traffic Policies (farm/last 28 days)

CTXSPI_PsThrAssSessNetTra28DaysServer

Threshold Assistant for Session Network Traffic Policies (server/last 28 days)

CTXSPI_PsThrAssSessState28DaysFarm

Threshold Assistant for Session State Policies (farm/last 28 days)

CTXSPI_PsThrAssSessState28DaysServer

Threshold Assistant for Session State Policies (server/last 28 days)

PS - User Logon Process**CTXSPI_PsLogProcSrvLogonDetailsDay**

User Logon Process Details per Server (server/yesterday)

CTXSPI_PsLogProcSrvLogonTime28Days

User Logon Process Duration Statistics per Server (last 28 days)

CTXSPI_PsLogProcSrvUnfinPhase0Day

Servers with Issues in Phase 1 of the User Logon Process (yesterday)

CTXSPI_PsLogProcSrvUnfinPhase1Day

Servers with Issues in Phase 2 of the User Logon Process (yesterday)

CTXSPI_PsLogProcSrvUnfinPhase2Day

Servers with Issues in Phase 3 of the User Logon Process (yesterday)

CTXSPI_PsLogProcSrvUnfinPhase3Day

Servers with Issues in Phase 4 of the User Logon Process (yesterday)

CTXSPI_PsLogProcSrvUnfinPhase4Day

Servers with Issues in Phase 5 of the User Logon Process (yesterday)

CTXSPI_PsLogProcSrvUnfinPhasesDay

Servers with User Logon Process Issues (yesterday)

CTXSPI_PsLogProcTop30SrvCompletedLogonsDay

Top 30 Servers with Highest Number of Completed User Logons (yesterday)

CTXSPI_PsLogProcTop30SrvWorstLogonTime28Days

Top 30 Servers with Highest Average User Logon Time (last 28 days)

CTXSPI_PsLogProcTop30SrvWorstPh1DurDay

Top 30 Servers with the Longest Phase 1 Duration (yesterday)

CTXSPI_PsLogProcTop30SrvWorstPh2DurDay

Top 30 Servers with the Longest Phase 2 Duration (yesterday)

CTXSPI_PsLogProcTop30SrvWorstPh3DurDay

Top 30 Servers with the Longest Phase 3 Duration (yesterday)

CTXSPI_PsLogProcTop30SrvWorstPh4DurDay

Top 30 Servers with the Longest Phase 4 Duration (yesterday)

CTXSPI_PsLogProcTop30SrvWorstPh5DurDay

Top 30 Servers with the Longest Phase 5 Duration (yesterday)

CTXSPI_PsLogProcTop30UsersUnfinPha28Days

Top 30 Users with Highest Number of Unsuccessful Logons (last 28 days)

CTXSPI_PsLogProcTop30UsersUnfinPhaDay

Top 30 Users with Highest Number of Unsuccessful Logons (yesterday)

CTXSPI_PsLogProcTop30UsersWorstLT28Days

Top 30 Users with the Highest Average Logon Time Duration (last 28 days)

CTXSPI_PsLogProcUserLogonDetailsDay

User Logon Process Details (user/yesterday)

PS - User Profiles

CTXSPI_PsProfCustFileStatsServerDay

Server statistics on custom files in user profiles (yesterday)

CTXSPI_PsProfExecFileStatsServerDay

Server statistics on executable files in user profiles (yesterday)

CTXSPI_PsProfMediaFileStatsServerDay

Server statistics on media files in user profiles (yesterday)

CTXSPI_PsProfTop30UsersCustFilesSizeDay

Top 30 users by size of custom files in user profile (yesterday)

CTXSPI_PsProfTop30UsersExecFilesSizeDay

Top 30 users by size of executable files in user profile (yesterday)

CTXSPI_PsProfTop30UsersMediaFilesSizeDay

Top 30 users by size of media files in user profile (yesterday)

CTXSPI_PsProfTop30UsersProfileSizeDay

Top 30 users by their user profile size (yesterday)

CTXSPI_PsProfTopServersProfileSizeDay

Top servers by size of user profiles (yesterday)

CTXSPI_PsProfUserProfileDetailsDay

User profile details (yesterday)

PS - Users**CTXSPI_PsUserNrUsers28DaysFarm**

Number of Logged-in Users (farm/last 28 days)

CTXSPI_PsUserNrUsers28DaysServer

Number of Logged-in Users (server/last 28 days)

CTXSPI_PsUserNrUsersDayFarm

Number of Logged-in Users (farm/yesterday)

CTXSPI_PsUserNrUsersDayServer

Number of Logged-in Users (server/yesterday)

XenDesktop Report Group**XD DDC - Citrix Desktop Delivery Controller****CTXSPI_XdDDCDesktopOptimizer28DaysFarm**

Idle Pool Settings Optimizer (last 28 days)

CTXSPI_XdDDCSessionActivity28DaysFarm

Session and Desktop Group Activity in XenDesktop Farm (last 28 days)

CTXSPI_XdDDCTopSrvSvcsCpu28Days

Top 10 - CPU Use of DDC Services (last 28 days)

CTXSPI_XdDDCTopSrvSvcsMem28Days

Top 10 - Memory Use of DDC Services (last 28 days)

XD PVS - Citrix Provisioning Server

CTXSPI_XdPVSCacheUtil28DaysStore

Device Disk Cache Use on Store (last 28 days)

CTXSPI_XdPVSCacheUtil28DaysVdisk

Disk Cache Size on Store by vDisk (last 28 days)

CTXSPI_XdPVSNetload28DaysServer

Provisioning Server Network Utilization (last 28 days)

CTXSPI_XdPVSTopSrvSvcscpu28Days

Top 10 - CPU Use of PVS Services (last 28 days)

CTXSPI_XdPVSTopSrvSvcsmem28Days

Top 10 - Memory Use of PVS Services (last 28 days)

XenServer Report Group

XS - Host reports

CTXSPI_TopBottom10HostsByTasks28Days

Top and bottom 10 hosts by number of tasks (last 28 days)

CTXSPI_TopBottom10HostsByTasksDay

Top and bottom 10 hosts by number of tasks (yesterday)

CTXSPI_TopBottom10HostsByVMs28Days

Top and bottom 10 hosts by number of VMs (last 28 days)

CTXSPI_TopBottom10HostsByVMsDay

Top and bottom 10 hosts by number of VMs (yesterday)

CTXSPI_TopBottom10HostsCPU28Days

Top and bottom 10 hosts by CPU utilization (last 28 days)

CTXSPI_TopBottom10HostsCPUDay

Top and bottom 10 hosts by CPU utilization (yesterday)

CTXSPI_TopBottom10HostsMemUtil28Days

Top and bottom 10 hosts by memory utilization (last 28 days)

CTXSPI_TopBottom10HostsMemUtilDay

Top and bottom 10 hosts by memory utilization (yesterday)

CTXSPI_TopBottom10HostsNetwTraffic28Days

Top and bottom 10 hosts by network traffic (last 28 days)

CTXSPI_TopBottom10HostsNetwTrafficDay

Top and bottom 10 hosts by network traffic (yesterday)

CTXSPI_TopBottom10HostsSRUtil28Days

Top and bottom 10 hosts by storage utilization (last 28 days)

CTXSPI_TopBottom10HostsSRUtilDay

Top and bottom 10 hosts by storage utilization (yesterday)

XS - Network reports**CTXSPI_TopBottom10NetwTraff28Days**

Top and bottom 10 networks by traffic (last 28 days)

CTXSPI_TopBottom10NetwTraffDay

Top and bottom 10 networks by traffic (yesterday)

CTXSPI_TopBottom10NetwVIF28Days

Top and bottom 10 networks by number of VIFs (last 28 days)

CTXSPI_TopBottom10NetwVIFDay

Top and bottom 10 networks by number of VIFs (yesterday)

XS - Pool reports**CTXSPI_PoolNrHosts28Days**

Number of hosts in pool (last 28 days)

CTXSPI_PoolNrHostsDay

Number of hosts in pool (yesterday)

CTXSPI_PoolNrSRs28Days

Number of storage repositories in pool (last 28 days)

CTXSPI_PoolNrSRsDay

Number of storage repositories in pool (yesterday)

CTXSPI_PoolNrVMs28Days

Number of virtual machines in pool (last 28 days)

CTXSPI_PoolNrVMsDay

Number of virtual machines in pool (yesterday)

CTXSPI_TopBottom5PoolsByHosts28Days

Top and bottom 5 pools by active hosts (last 28 days)

CTXSPI_TopBottom5PoolsByHostsDay

Top and bottom 5 pools by active hosts (yesterday)

CTXSPI_TopBottom5PoolsByTasks28Days

Top and bottom 5 pools by tasks (last 28 days)

CTXSPI_TopBottom5PoolsByTasksDay

Top and bottom 5 pools by tasks (yesterday)

XS - State of the environment

CTXSPI_LastStateHost

Last state - hosts

CTXSPI_LastStateNetw

Last state - networks

CTXSPI_LastStatePool

Last state - pools

CTXSPI_LastStateSR

Last state - storage repositories

CTXSPI_LastStateVM

Last state - virtual machines

XS - Storage reports

CTXSPI_TopBottom10SRIO28Days

Top and bottom 10 storage repositories by I/O rate (last 28 days)

CTXSPI_TopBottom10SRIODay

Top and bottom 10 storage repositories by I/O rate (yesterday)

CTXSPI_TopBottom10SRUtil28Days

Top and bottom 10 storage repositories by utilization (last 28 days)

CTXSPI_TopBottom10SRUtilDay

Top and bottom 10 storage repositories by utilization (yesterday)

XS - Threshold Assistant

CTXSPI_ThreshAssistHost

Threshold Assistant - host policies

CTXSPI_ThreshAssistNetw

Threshold Assistant - network policies

CTXSPI_ThreshAssistVM

Threshold Assistant - VM policies

XS - VM reports

CTXSPI_TopBottom10VMsMemUtil28Days

Top and bottom 10 VMs by memory utilization (last 28 days)

CTXSPI_TopBottom10VMsMemUtilDay

Top and bottom 10 VMs by memory utilization (yesterday)

CTXSPI_TopBottom10VMsNetwTraff28Days

Top and bottom 10 VMs by network traffic (last 28 days)

CTXSPI_TopBottom10VMsNetwTraffDay

Top and bottom 10 VMs by network traffic (yesterday)

CTXSPI_TopBottom10VMsSRIO28Days

Top and bottom 10 VMs by storage I/O rate (last 28 days)

CTXSPI_TopBottom10VMsSRIODay

Top and bottom 10 VMs by storage I/O rate (yesterday)

CTXSPI_TopBottom10VMsVCPU28Days

Top and bottom 10 VMs by VCPU utilization (last 28 days)

CTXSPI_TopBottom10VMsVCPUDay

Top and bottom 10 VMs by VCPU utilization (yesterday)

CTXSPI_VMsUptime

Top and bottom 10 virtual machines by uptime