SM CI Configuration Guide

1 Current Configuration in SM (for Demo)

1.1 All CIs for Demo

	CI	CI Type	CI SubType	Admin Group
Customer	HP	customer		Customer
	Bill.Richard	customer		Customer
	Carl.Duke	customer		Customer
	Danny.Clark	customer		Customer
	EDS	customer		Customer
Service	bsc1_sgsn34	network	GSM	NetworkService
	vpn01	network	VPN	NetworkServiceVPN
	circuit01	network	Transmission	NetworkService
	circuit02	network	Transmission	NetworkService
	vpn02	network	VPN	NetworkServiceVPN
	vpnEDS	network	VPN	NetworkServiceVPN
Resource	bts11	managedelement	GSM BTS	BTS Group
	bts12	managedelement	GSM BTS	BTS Group
	bts13	managedelement	GSM BTS	BTS Group
	bsc1	managedelement	GSM BSC	BSC Group
	slt16_lad1-slt16_lad3_16s01	trail	Transmission Trail	Transmission Group
	slt16_wa2-slt16_wu2_ob01	trail	Transmission Trail	Transmission Group
	mplspe05_cnd_hp_com	managedelement	VPN PE	VPN Group
	mplspe04_cnd_hp_com	managedelement	VPN PE	VPN Group
	slt16_lad1	managedelement	Transmission NE	Transmission Group
	slt16_lad2	managedelement	Transmission NE	Transmission Group
	SGSN34	managedelement	GSM SGSN	GSM Core Group
	GGSN1	managedelement	GSM GGSN	GSM Core Group
	slt16_lad3	managedelement	Transmission NE	Transmission Group
	slt16_lad4	managedelement	Transmission NE	Transmission Group

1.2 Customer and Service Relationship

Customer	Service
Bill.Richard	vpn02
Carl.Duke	circuit02
Danny.Clark	circuit01
HP	vpn01
	bsc1_sgsn34
EDS	vpnEDS

1.3 Service and Resource Relationship

Resource	Service
bts11	
bts12	
bts13	
bsc1	
slt16_lad1-slt16_lad3_16s01	
slt16_wa2-slt16_wu2_ob01	
slt16_lad1	
slt16_lad2	
SGSN34	
GGSN1	
slt16_lad3	
slt16_lad4	bsc1_sgsn34
bts11	
bts12	
bts13	
bsc1	
slt16_lad1-slt16_lad3_16s01	
slt16_wa2-slt16_wu2_ob01	
slt16_lad1	
slt16_lad2	
SGSN34	
GGSN1	
slt16_lad3	
slt16_lad4	
mplspe05_cnd_hp_com	
mplspe04_cnd_hp_com	vpn01
bts11	
bts12	
bts13	
bsc1	
slt16_lad1-slt16_lad3_16s01	
slt16_wa2-slt16_wu2_ob01	
slt16_lad1	
slt16_lad2	
SGSN34	
GGSN1	
slt16_lad3	
slt16_lad4	vpnEDS
bts11	
bts12	
bts13	vpn02

bsc1		
slt16_lad1- slt16_lad3_16s01		
slt16_wa2- slt16_wu2_ob01		
slt16_lad1		
slt16_lad2		
SGSN34		
GGSN1		
slt16_lad3		
slt16_lad4		
slt16_lad1- slt16_lad3_16s01		
slt16_wa2- slt16_wu2_ob01		
slt16_lad1		
slt16_lad2		
slt16_lad3		
slt16_lad4	circuit01	
slt16_lad1- slt16_lad3_16s01		
slt16_wa2- slt16_wu2_ob01		
slt16_lad1		
slt16_lad2		
slt16_lad3		
slt16_lad4	circuit02	

1.4 VIP Customer and Customer CI relationship

Operator.name=Customer.logical.name
That is, VIP customer login name is CI name .

2 Configuration Guide

2.1 Add a CI

To configure the CI relation, you must add CI to Service Manger.
In main menu, go to Configuration Management- Resource-CI queue, click 'new'.
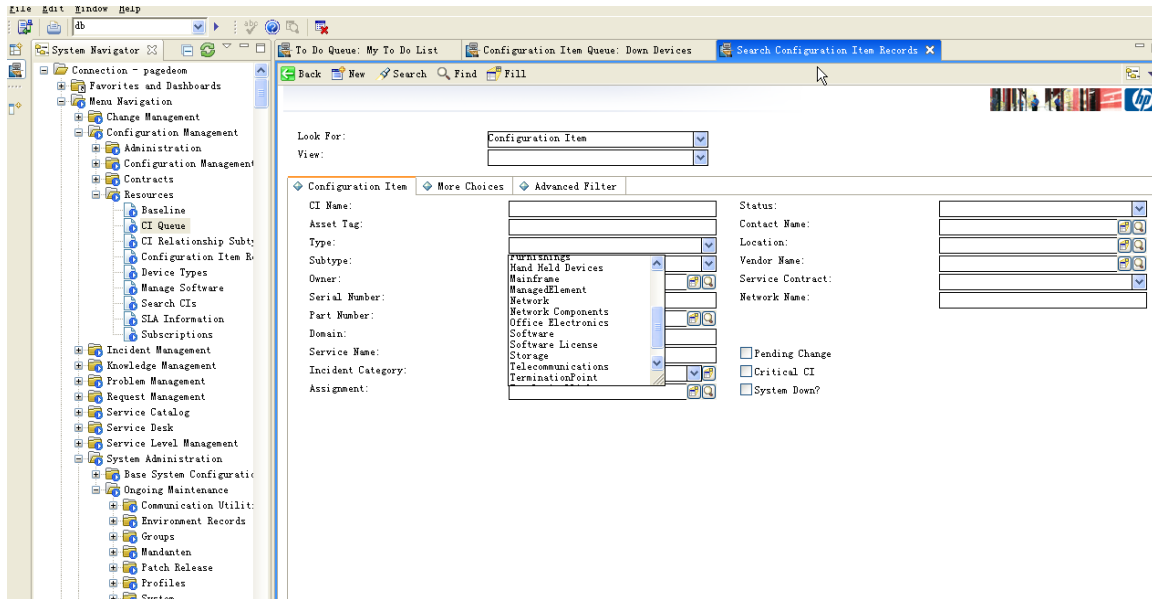
Input CI name and choose CI type.

Here is the CI type definition for customer, service, and resource.

Note: For VIP customer, you must add the operator in SM for him to login, with login name equal customer CI name.
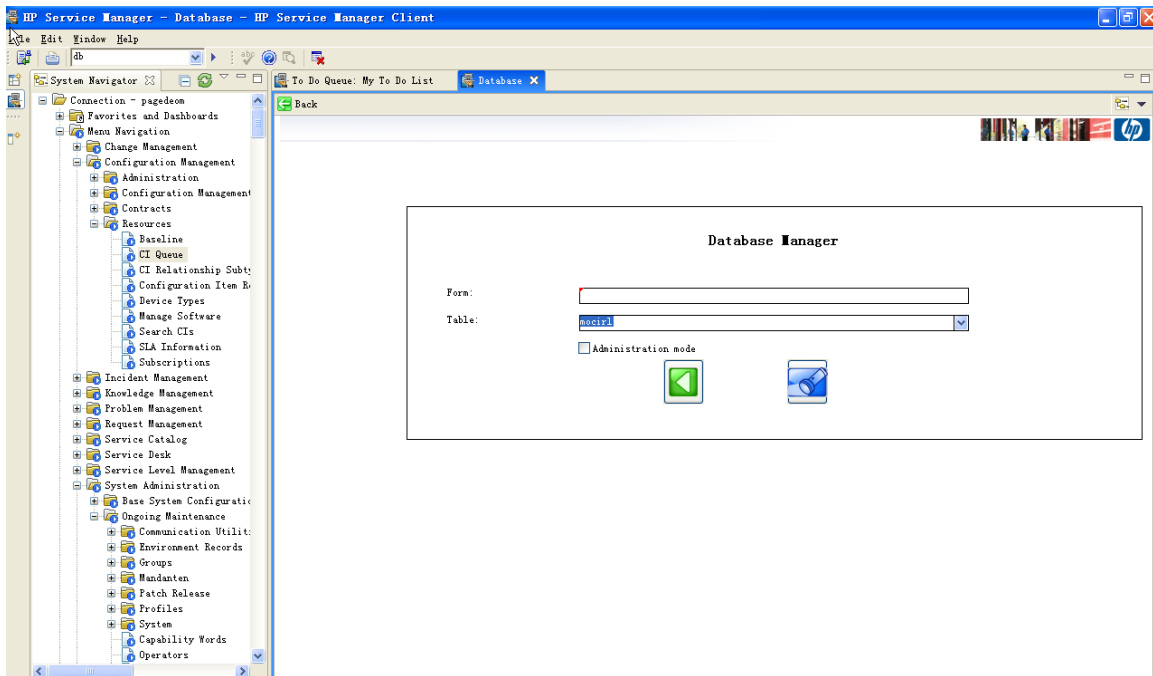
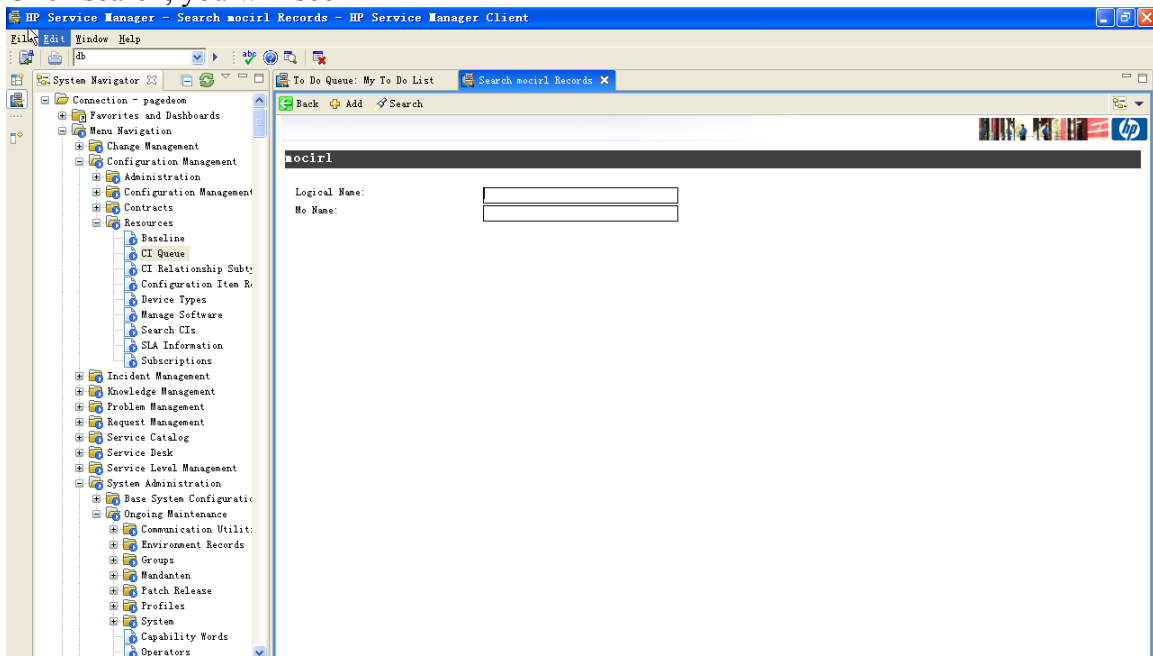| CI Category	CI Type
Customer	Customer
Service	Network
Resource	Trail
	ManagedElement
	TerminationPoint
	Software
	Equipment
	TopologicalLink
	Connection

You can also use Service Manger to load data for mass adding CI.

2.2 Configure MO and CI relationship.

In command line, type 'db'.

Type 'mocirl' in Table field.

Click search, you will see

You can input Logical Name as CI name, and input MO name ,then click 'Add'.
The relationship will be added to the table.
You can also click ' Search' to see current configuration for MO and CI mapping relationship in the system.
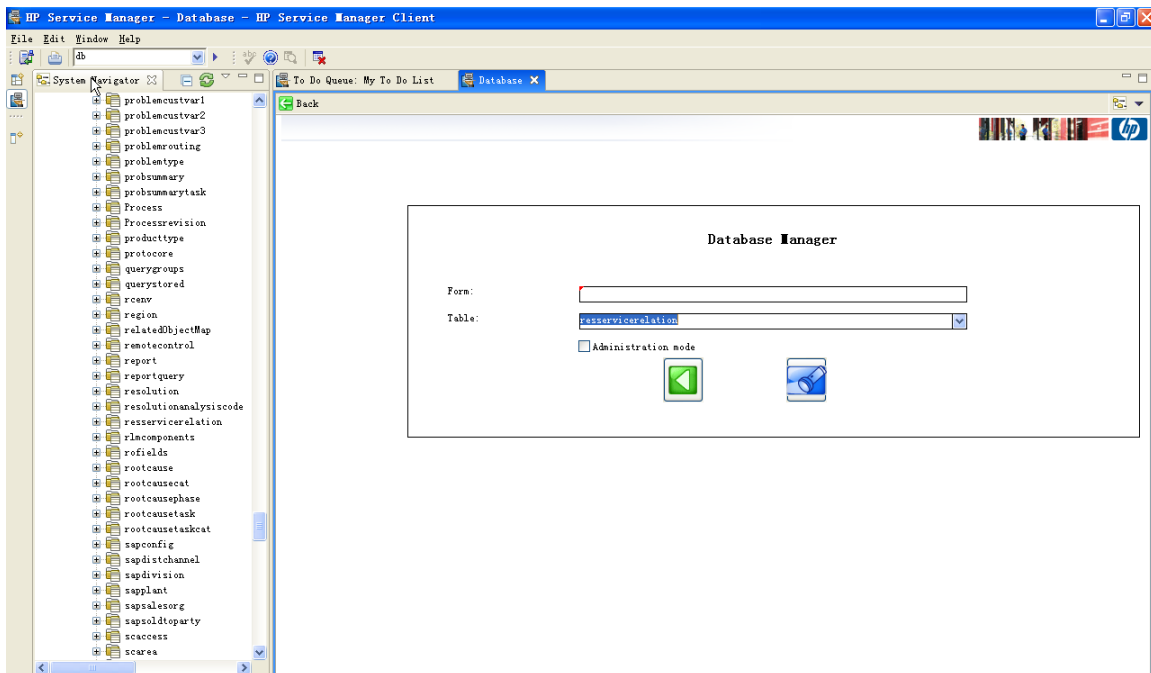Note: You must change " to ' for each MO.
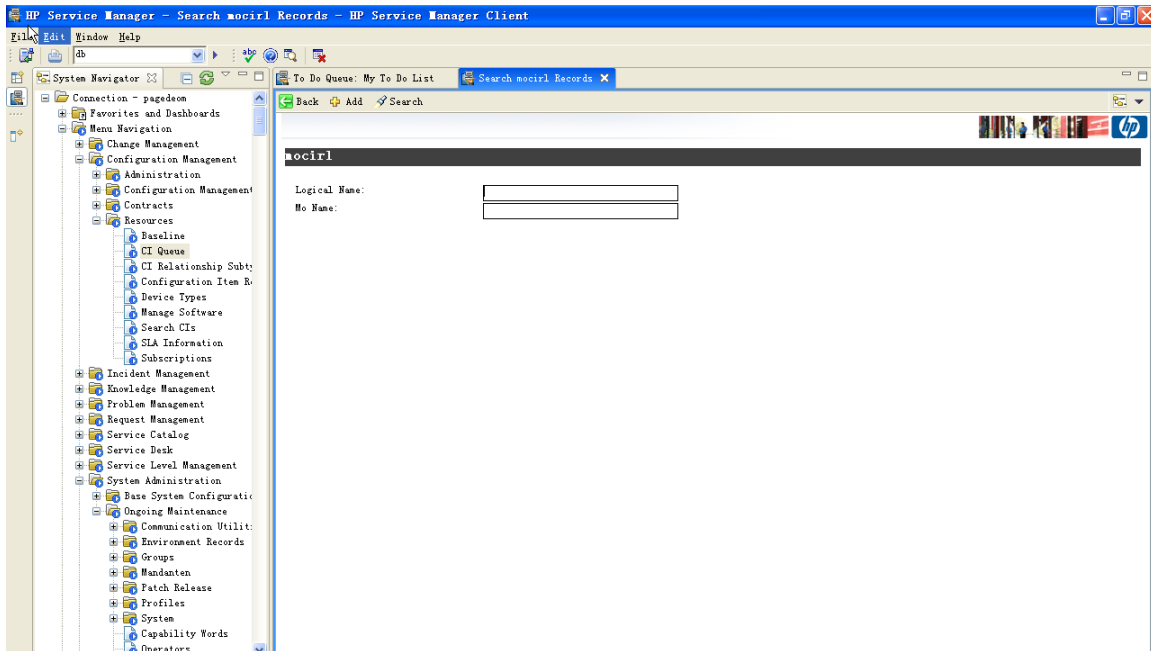
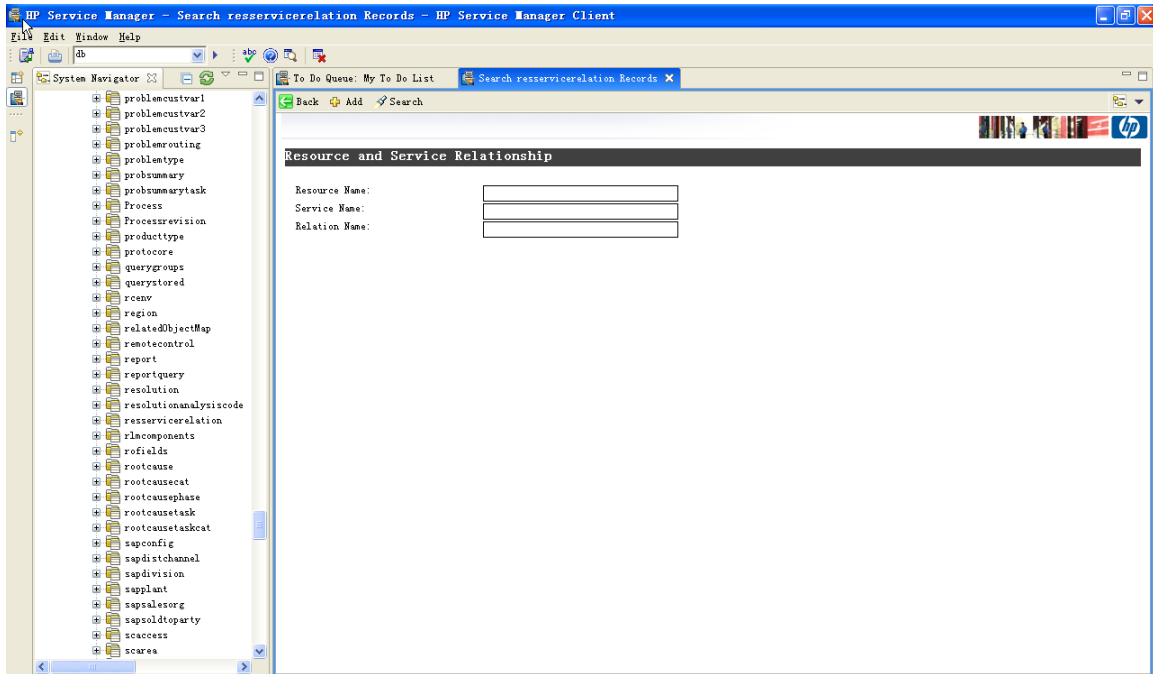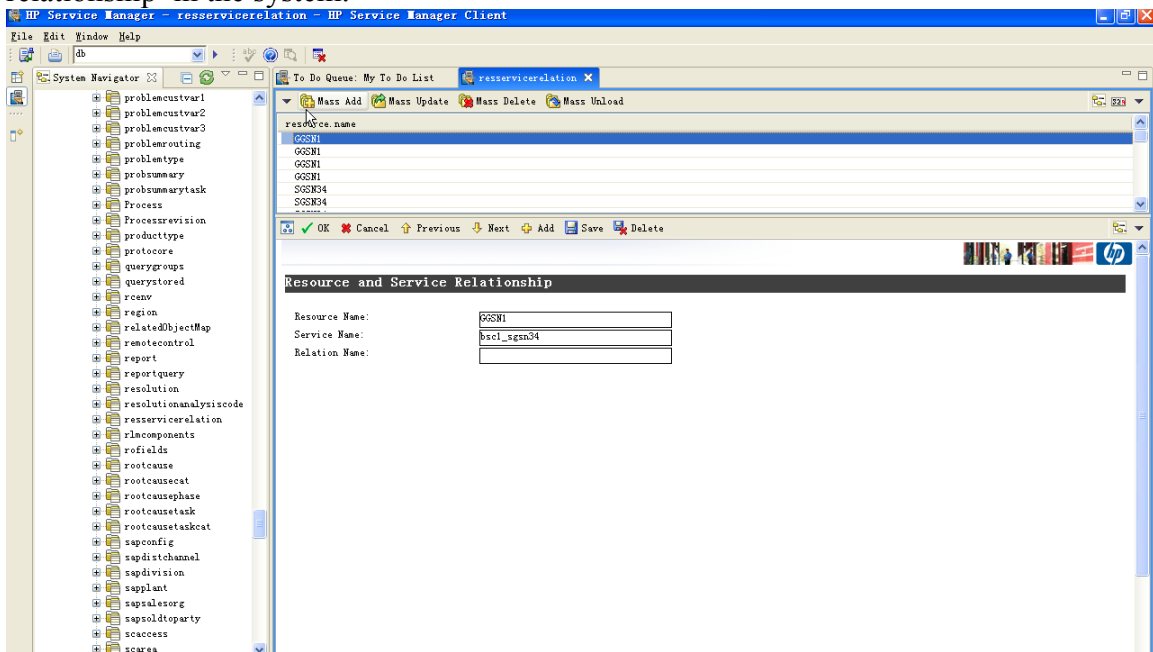You can also use Service Manger to load data for mass adding.

2.3 Configure Resource and Service relationship.

In command line, type 'db'.
Type 'resservicerelationl' in Table field.

Click search, you will see

Input Resource CI naame and Service CI name ,then click 'Add'.

The relationship will be added to the table.

You can also click ' Search' to see current configuration for MO and CI mapping relationship in the system.

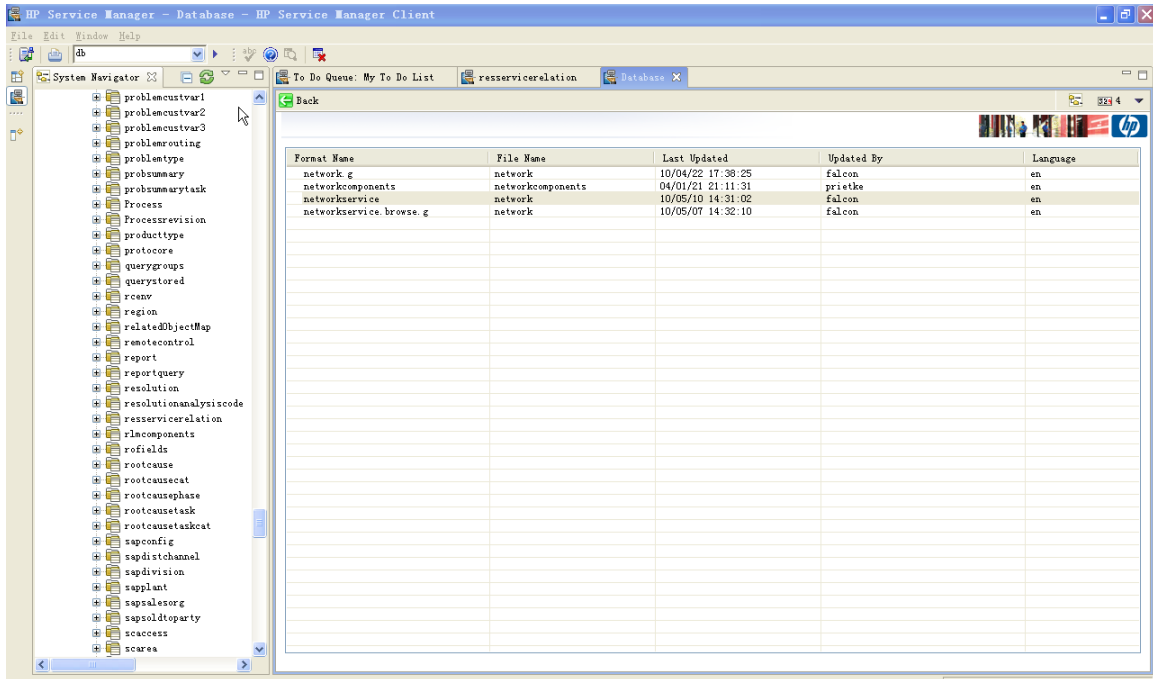You can also use Service Manger to load data for mass adding.

2.4 Configure CI and Customer relationship.
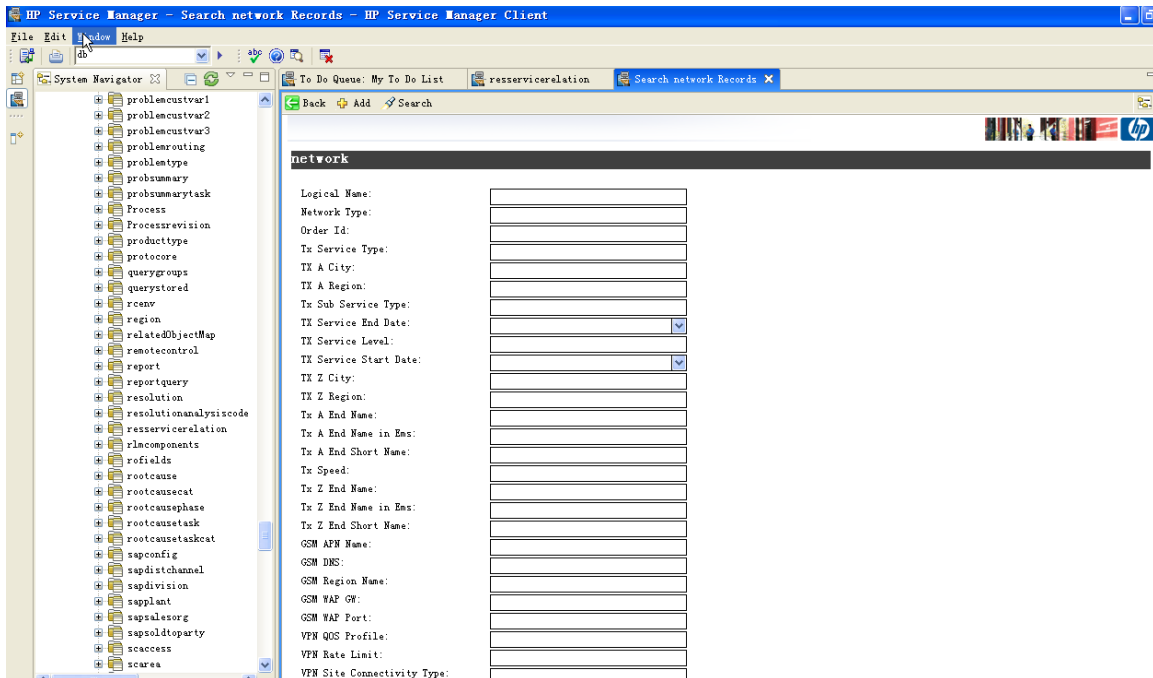
In command line, type 'db'.
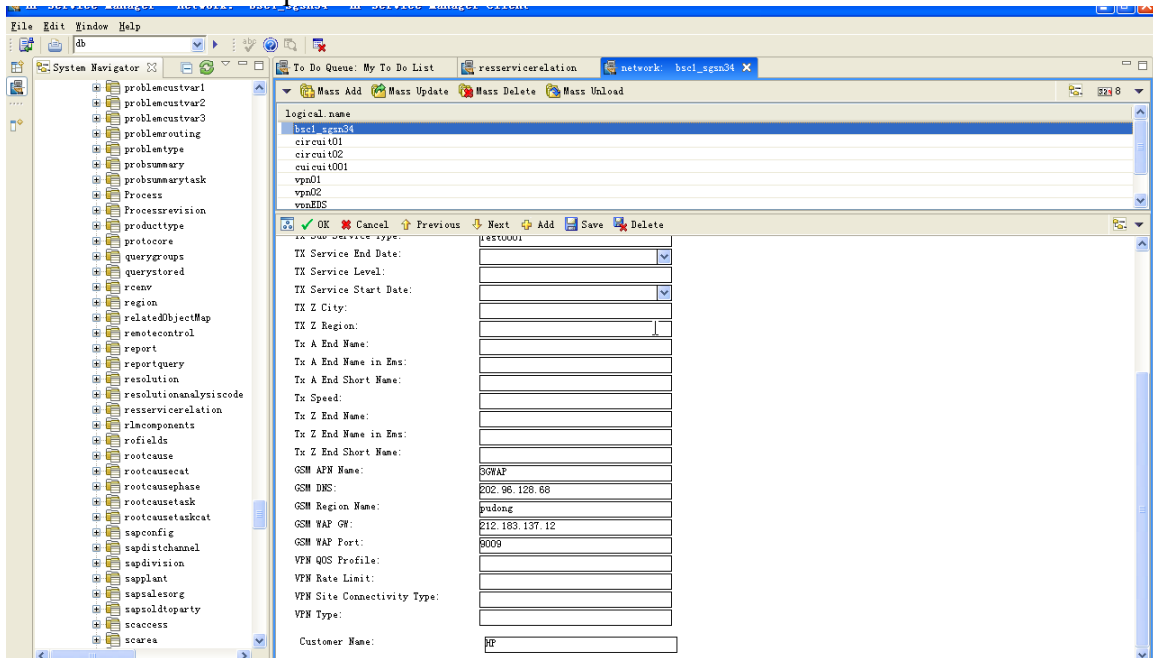
Type 'network' in Table field.
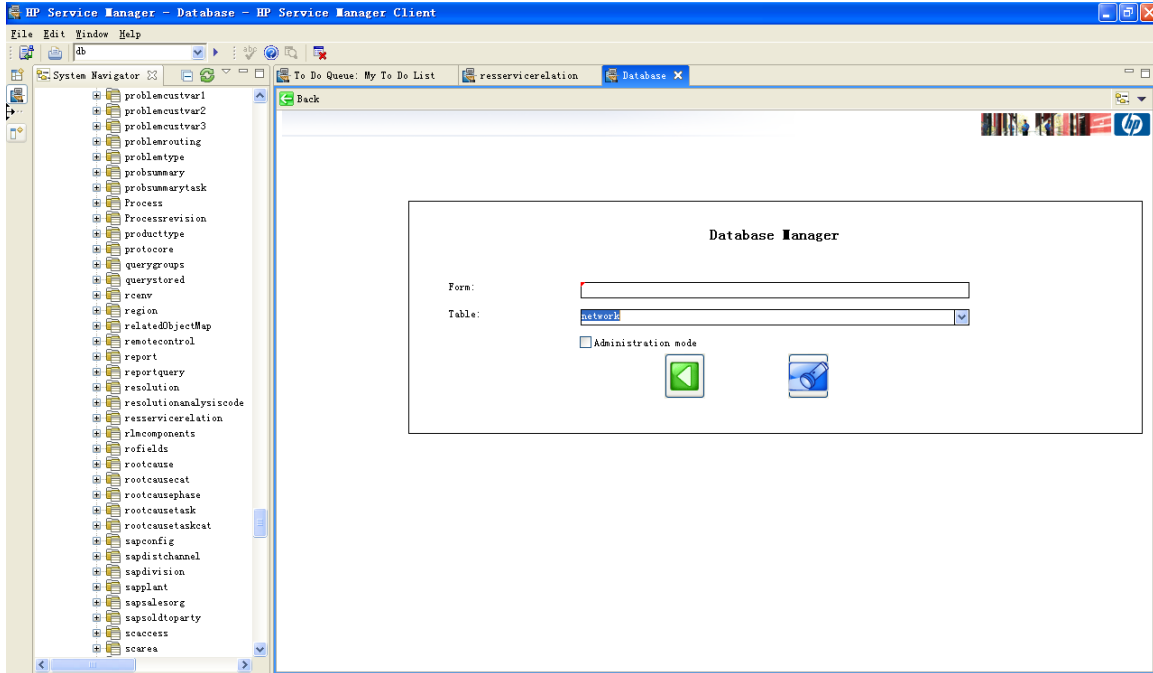
Choose 'networkservice' form.

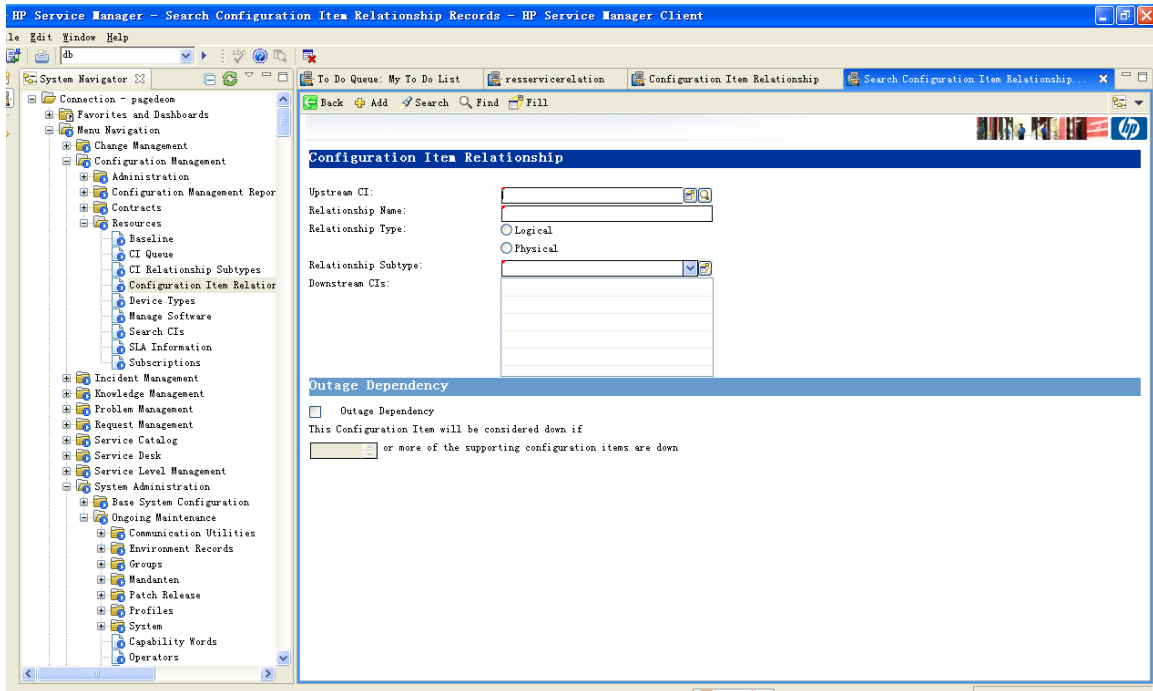Input the Service CI name and click 'Search'. Or you can click 'Search' to see all Service CI.

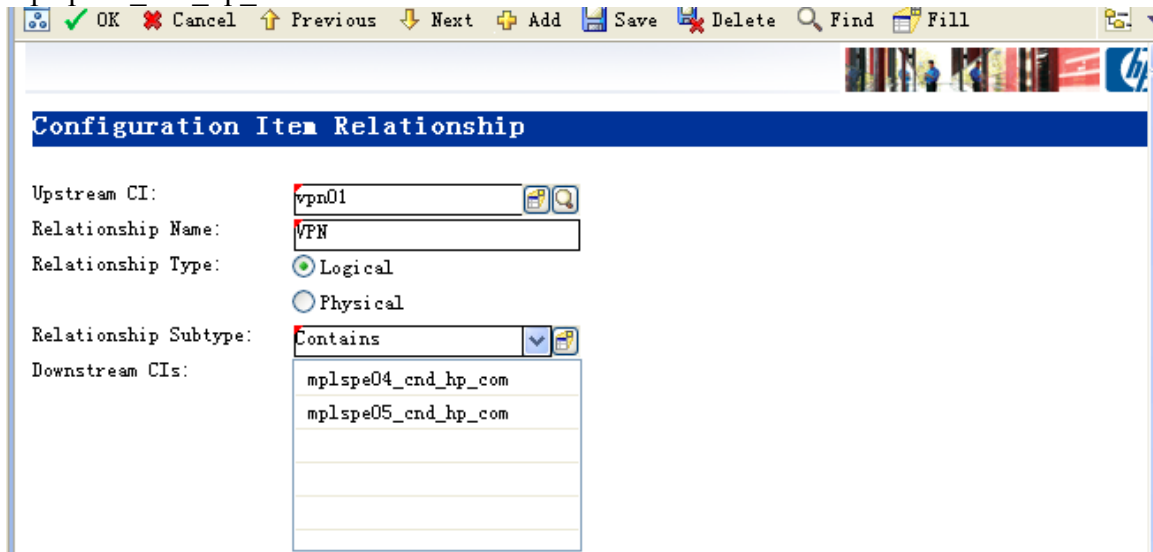Choose one CI and input customer name to 'Customer Name' field.

2.5 Configure CI relationship.

To show CI relationship graph, you must configure CI relationship with SM default tool.

Go to Configuration Management-Resources-Configuration Item Relationships

Input the required information. For example, vpn01 contains mplspe04_cnd_hp_com and mplspe05_cnd_hp_com.

For more information, you can refer to Service Manger help document.