

Deployment Properties for Enterprise Manager Portal

The *web.xml* file contains deployment properties for Enterprise Manager Portal. This file specifies which applications Enterprise Manager Portal displays and specifies how to generate e-mails when IT managers request public IP addresses through this enterprise service portal. You can modify the following fields.

showBasicBandwidthOnDemand

- Whether or not the enterprise service portal displays basic bandwidth-on-demand (BoD) features.
- Value
 - True—Displays the basic BoD features
 - False—Hides the basic BoD features
- Guidelines—Specify True if you want to provision basic BoD with a JUNOS routing platform. When enabled, service providers can offer basic BoD services to IT managers as service options that affect all traffic on an access link, including customizing the amount of bandwidth provided to meet their traffic requirements.

To make class of service (CoS) services available, BoD services and basic BoD services must be enabled. If both are enabled, IT managers must select a basic BoD service before they can subscribe to BoD services.

- Default—True

showBandwidthOnDemand

- Whether or not the enterprise service portal displays BoD features.
- Value
 - True—Displays the BoD features
 - False—Hides the BoD features
- Guidelines—Specify True if you want to provision BoD with a JUNOS routing platform. To make CoS services available, BoD services and basic BoD services must be enabled. If both are enabled, IT managers must select a basic BoD service before they can subscribe to BoD services.
- Default—True

showFirewall

- Whether or not the enterprise service portal displays firewall features.
- Value
 - True—Displays the firewall features

- False—Hides the firewall features

- Guidelines—Specify True if you want to provision firewall services with a JUNOS routing platform.

If you set showFirewall to True and statelessFirewall to False, the portal provides support for stateful firewalls on JUNOS routing platforms.

- Default—True

statelessFirewall

- Whether or not the enterprise service portal displays stateless firewall features.

- Value

- True—Displays the stateless firewall features
- False—Hides the stateless firewall features

- Guidelines—Specify True if you want to provision firewall services on a JUNOS routing platform. The showFirewall field must also be set to True.

When you set statelessFirewall to True, the Firewall tab but not the Application tab appears in Enterprise Manager Portal.

You can configure either stateless firewalls or stateful firewalls from Enterprise Manager Portal. If you set showFirewall to True and statelessFirewall to False, the portal provides support for stateful firewalls on JUNOS routing platforms.

- Default—True

showNat

- Whether or not the enterprise service portal displays NAT features.

- Value

- True—Displays the NAT features
- False—Hides the NAT features

- Guidelines—Specify True if you want to provision NAT services with a JUNOS routing platform. If this property is set to True, the enterprise service portal always displays the firewall features, regardless of the value of the showFirewall property.

- Default—True

showSchedule

- Whether or not the enterprise service portal displays scheduling features for services.

- Value

- True—Displays the scheduling features

- False—Hides the scheduling features
- Default—True

showVpn

- Whether or not the enterprise service portal displays VPN features.
- Value
 - True—Displays the VPN features
 - False—Hides the VPN features
- Guidelines—Specify True if you want to provision VPNs with a JUNOS routing platform. If you set this property to True, you must also set the showBandwidthOnDemand property to True.
- Default—True

showExtranet

- Whether or not the enterprise service portal displays VPN extranet features.
- Value
 - True—Displays the VPN extranet features
 - False—Hides the VPN extranet features
- Guidelines—Specify True if you want to provision VPN extranets with a JUNOS routing platform. If you set this property to True, you must also set the showVPN property to true.
- Default—True

junoseCompatibleBoD

- Whether or not the enterprise service portal can be used to configure BoD services on JUNOS routers.
- Value
 - True—Provides configuration for BoD services on JUNOS routers

- False—Does not provide configuration for BoD services on JUNOS routers
- Guidelines—If set to true, this field allows BoD services to be configured for JUNOS routers as well as JUNOS routing platforms. This setting limits the configuration for IP protocol, source IP address, source port or port range, destination IP address, and destination port or port range for a BoD rule to one each for JUNOS routing platforms as well as JUNOS routers. The online help indicates that users can specify one value for these fields if **junoseCompatibleBoD** is set to True, and that users can specify more than one value for these fields if **junoseCompatibleBoD** is set to False.

Consider that if both JUNOS routing platforms and JUNOS routers exist in an enterprise's network, IT managers who are using the enterprise service portal to configure their SRC-managed environment do not know which routers are JUNOS routers and which are JUNOS routing platforms.

- Default—False

machineReadableNotifications

- Format of the e-mails that indicate that public addresses have been requested or released for a particular access link.
- Value
 - True—E-mails contain XML code and will be handled by a machine.
 - False—E-mails contain ordinary text and will be handled by a human administrator.
- Default—False

renotificationInterval

- Minimum time between e-mails that notify the service provider about outstanding requests for IP addresses.
- Value—Number of seconds in the range 1–2147483647
- Guidelines—For actual SRC implementations that use a human administrator, we recommend a value of 86400 seconds (1 day). For demonstrations of the SRC software that use a human administrator, we recommend a value of 240 seconds. For actual SRC implementations that use machines, the value depends on how you design an application to handle the e-mails; a value of 600 seconds (10 minutes) may be a good starting point.
- Default—120
- Example—200

addressManagerUrl

- URL of NAT Address Management Portal that the service provider uses to manage public IP addresses for enterprises. This value is included in the e-mails about IP addresses.

- Value—URL in the format

http:// < host > : < port > < path >

- < host > —Name or IP address of the machine on which you install the Web application for NAT Address Management Portal
 - < port > —TCP/UDP port for HTTP traffic
 - < path > —Path to location of the Web application
- Default—http://example.com:8080/nataddr/AddressManager

mail.smtp.host

- SMTP mail server that Enterprise Manager Portal uses to send e-mails about requests for or release of public IP addresses.
- Value—Name or IP address of the mail server
- Default—mailhost

notificationFrom

- Sender's address in e-mails that Enterprise Manager Portal sends about public IP addresses.
- Value—Text string that specifies the sender's name and e-mail address in XML format
- Guidelines—Be sure to use the correct XML escape sequences for any special characters in the value.
- Default—"Enterprise Portal" <entMgrPortal@example.com >

notificationTo

- Human administrator or machine to which Enterprise Manager Portal should send e-mails about requests for or release of public IP addresses.
- Value—Text string that specifies the name and e-mail address of the human administrator or machine in XML format
- Guidelines—Be sure to use the correct XML escape sequences for any special characters in the value.
- Default—"Public IP Address Manager" <ipManager@example.com >

notificationSubject

- Text used for the subject of e-mails about requests for or release of public IP addresses.
- Value—Text string that specifies the subject of the e-mail in XML format
- Guidelines—This value is not used if you configure e-mails to be machine-readable notifications. Be sure to use the correct XML escape sequences for any special characters in the value.
- Default—An IP request or release needs your attention.

renotificationSubject

- Text used for the subject of reminders to administrators about requests for or release of public IP addresses.
- Value—Text string that specifies the subject of the e-mail in XML format
- Guidelines—This value is ignored if you configure e-mails to be machine-readable notifications. Be sure to use the correct XML escape sequences for any special characters in the value.
- Default—REMINDER: An IP request or release still needs your attention.

notificationText

- Text that appears in the body of the e-mail.
- Value—Text string in XML format that specifies the body of the e-mail message
- Guidelines—This text and the URL appear in the body of the message if you specify that the e-mails are not machine-readable notifications. Otherwise, the URL appears in the subject, and the body is an XML document indicating which access needs attention. Be sure to use the correct XML escape sequences for any special characters in the value.
- Default—Please click on the link in this e-mail to go to a Web page where you will be able to fulfill a customer's request for public IP addresses, or acknowledge a customer's release of public IP addresses.

maxIpPoolSize

- Maximum number of public IP addresses that you can include in the pool that is used for the dynamic source NAT service.
- Value—Integer in the range 0–2147483647
- Guidelines—Configure this property if you want to provide NAT addresses through NAT Address Management Portal. Consult the JUNOS documentation for information about the maximum for each JUNOS routing platform.
- Default—32