Syslog Commands

system settings logging host

To configure remote host to which syslogs are sent, use the **system settings logging host** command in global configuration mode.

system settings logging host *ip address* *port* *transport*

no system settings logging host

Syntax Description	*ip address*	Specifies the remote host address that can be IPv4/IPv6/hostname.
	transport	Specifies the transport protocol: UDP or TCP.
		The default transport protocol is UDP, with default port 514.
		For transport protocol of TCP, the default port is 601.

Command Default   None

Command Modes   Global configuration (config)

Command History

Release	Modification
3.6.1	This command was introduced.

Example

The following example shows how to configure remote host.

```
nfvis(config)# system settings logging host 172.19.162.117 port 1635 transport tcp

nfvis(config)# system settings logging host 172.19.162.111 port 163 transport udp

nfvis(config)# system settings logging host 172.19.162.112 port 1523

nfvis(config)# system settings logging host 172.19.162.114 transport tcp
```

system settings logging facility

To configure facility of the syslogs, use the **system settings logging facility** command in global configuration mode.

system settings logging facility *local*

no system settings logging facility

Syntax Description	*local* Specifies the facility number. You can configure any facility from local0 to local7.

Command Default	The default facility is local7.

Command Modes	Global configuration (config)

Command History

Release	Modification
3.6.1	This command was introduced.

Example

The following example shows how to configure facility.

```
nfvis(config)# nfvis(config)# system settings  logging facility local
Possible completions:
local0 local1 local2 local3 local4 local5 local6 local7
nfvis(config)# nfvis(config)# system settings logging facility local3
```

system settings logging severity

To configure severity of the syslogs, use the **system settings logging severity** command in global configuration mode.

system settings logging severity {**alert** | **critical** | **debug** | **emergency** | **error** | **informational** | **notice** | **warning**}

no system settings logging   severity

<table>
<tr><td rowspan="8">**Syntax Description**</td><td>**alert**</td><td>Logs at alert severity level and higher severity levels are sent.</td></tr>
<tr><td>**critical**</td><td>Logs at critical severity level and higher severity levels are sent.</td></tr>
<tr><td>**debug**</td><td>Logs at debug severity level and higher severity levels are sent.</td></tr>
<tr><td>**emergency**</td><td>Logs at emergency severity level and higher severity levels are sent.</td></tr>
<tr><td>**error**</td><td>Logs at error severity level and higher severity levels are sent.</td></tr>
<tr><td>**informational**</td><td>Logs at informational severity level and higher severity levels are sent.</td></tr>
<tr><td>**notice**</td><td>Logs at notice severity level and higher severity levels are sent.</td></tr>
<tr><td>**warning**</td><td>Logs at warning severity level and higher severity levels are sent.</td></tr>
</table>

Command Default   The default severity level is **informational** .

Command Modes   Global configuration (config)

Command History

Release	Modification
3.6.1	This command was introduced.

Example

The following example shows how to configure the severity of syslogs.

```
nfvis(config)# system settings logging severity error
nfvis(config)# commit
nfvis(config)# end
```

show running-config system settings logging

To view the current syslog configuration, use the **show running-config system settings logging** command in global configuration mode.

show running-config system settings logging [**host** *hostname* | **facility** | **severity**]

Syntax Description

host	Displays the current syslog host configuration
hostname	Displays the current configuration for the specified host.
facility	Displays the current syslog facility configuration.
severity	Displays the current syslog severity configuration.

Command Default

None

Command Modes

Privileged EXEC (#)

Command History

Release	Modification
3.6.1	This command was introduced.

Example

```
nfvis# show running-config system settings logging
system settings logging host 192.0.2.3
 transport tcp
 port 1635
!
system settings logging host 192.0.2.34
 transport udp
 port 163
!
system settings logging host 192.0.2.40
 port 1523
!

nfvis# show running-config system settings logging severity
system settings logging severity error

nfvis# show running-config system settings logging facility
system settings logging facility local3
```

show running-config system settings logging