

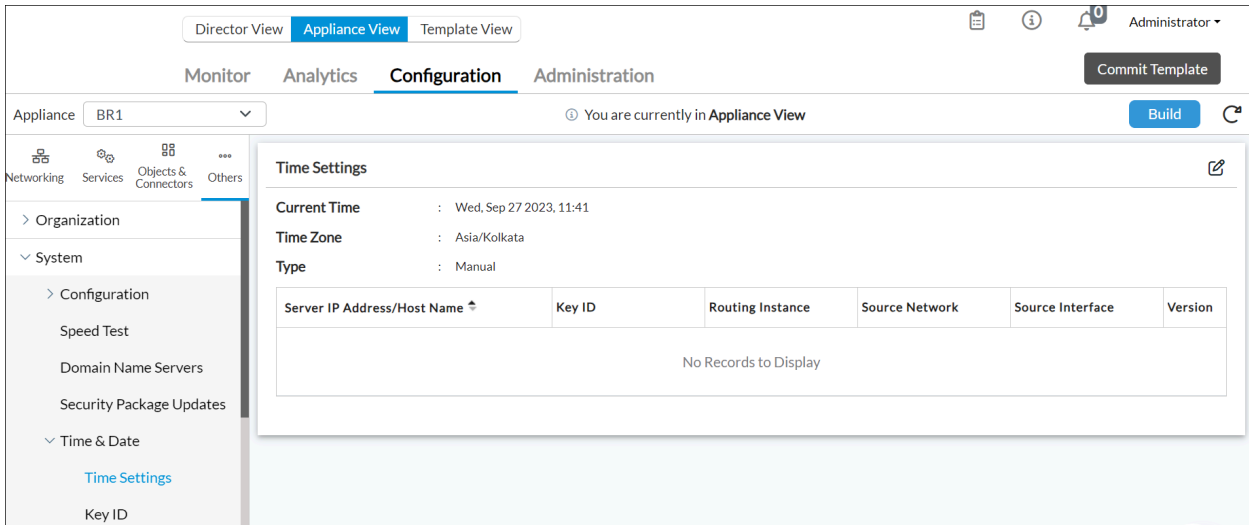
Configure Time Settings

 For supported software information, click [here](#).

You can configure the time settings on a Versa Operating System™ (VOS™) device or Controller node. You can configure the settings in NTP mode or in manual mode.

Configure Time

1. In Director view:
 - a. Select the Configuration tab in the top menu bar.
 - b. Select Templates > Device Templates in the horizontal menu bar.
 - c. Select an organization in the left menu bar.
 - d. Select a device in the main pane. The view changes to Appliance view.
2. Select the Configuration tab in the top menu bar.
3. Select Others > System > Time & Date > Time Settings in the left menu bar.



The screenshot shows the Versa Networks Director interface. The top navigation bar includes 'Director View', 'Appliance View' (selected), and 'Template View'. Below this is a secondary navigation bar with 'Monitor', 'Analytics', 'Configuration' (selected), and 'Administration'. A 'Commit Template' button is visible on the right. The left sidebar shows a tree view with 'Organization' and 'System' expanded, leading to 'Configuration' and then 'Time & Date' > 'Time Settings'. The main pane displays the 'Time Settings' configuration for device 'BR1'. It shows 'Current Time' as 'Wed, Sep 27 2023, 11:41', 'Time Zone' as 'Asia/Kolkata', and 'Type' as 'Manual'. Below this is a table with columns: 'Server IP Address/Host Name', 'Key ID', 'Routing Instance', 'Source Network', 'Source Interface', and 'Version'. The table is currently empty, displaying 'No Records to Display'.

4. Click the  Edit icon. In the Edit Time Settings popup window, enter information for the following fields.

Edit Time Settings

Current Time

Wed, Sep 27 2023, 11:41

Time Zone *

America/Los_Angeles

Set Date/time at

Wed, Sep 27 2023, 11:41

☒ NTP ☐ Manual

NTP Servers

+

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<input type="checkbox"/>	Server IP Address/Host Name	Key ID	Routing Instance	Source Network	Source Interface
No NTP Server Added					

OK

Cancel

Current Time

Wed, Sep 27 2023, 11:41

Time Zone *America/Los_AngelesSet Date/time at

Wed, Sep 27 2023, 11:41

☒ NTP ☐ Manual

NTP Servers






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<input type="checkbox"/>	Server IP Address/Host Name	Key ID	Routing Instance	Source Network	Source Interface
No NTP Server Added					

OK

Cancel

Field	Description
Current Time	Displays the current time on the device.
Timezone	Select the timezone to use for time settings.
NTP	Click to use the Network Time Protocol to set the time on the device.
Manual	Click to set the time manually on the device.
Set Date/time at	If you select Manual mode, set the date and time on the device.

Description

Current Time

Displays the current time on the device.

Timezone

Select the timezone to use for time settings.

NTP


Click to use the Network Time Protocol to set the time on the device.

Manual

Click to set the time manually on the device.

Set Date/time at

If you select Manual mode, set the date and time on the device.

5. If you select NTP mode, click the  Add icon in the NTP Servers field to configure NTP servers. In the Add NTP Server popup window, enter information for the following fields.

Add NTP Server

✕

Server IP Address/Host Name *

10.20.20.1

Description

Tags

Key ID

--Select--

Routing Instance

ORG1-Control-VR

☒ Source Network ☐ Source Interface

--Select--

Version

4

☒ Enable ☐ Iburst

OK

Cancel

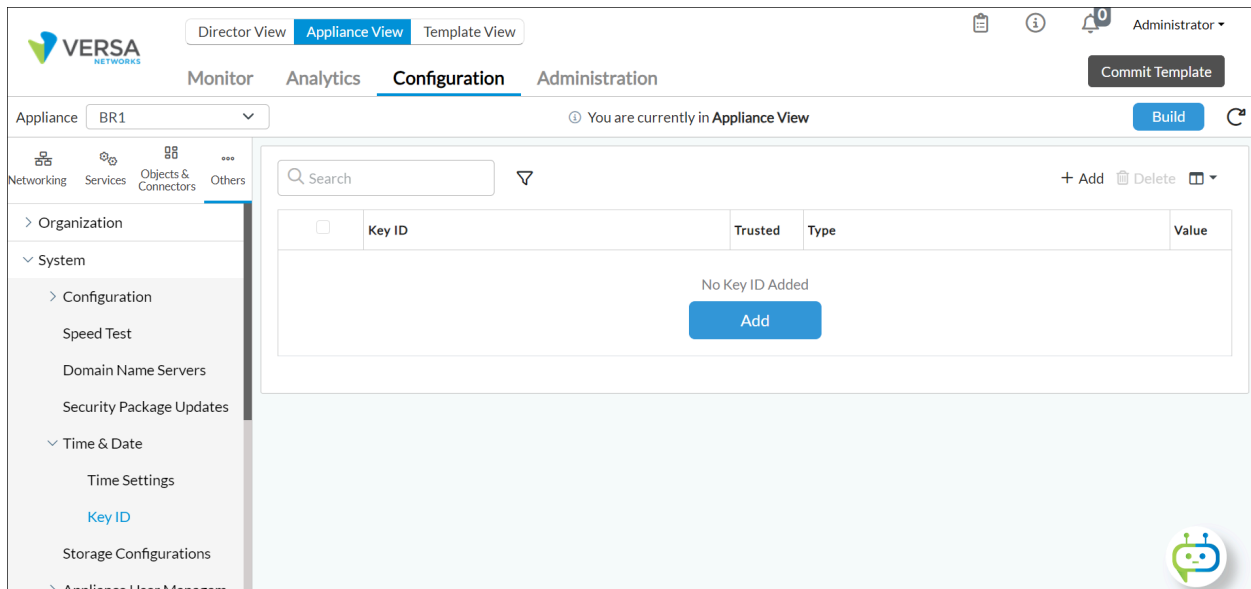
Field	Description
Server IP Address/Host Name (Required)	Enter the IP address or host name of the NTP server.
Description	Enter a text description the server.
Key ID	Select the ID of the authentication key. For more information, see Configure an Authentication Key ID , below.
Routing Instance	Select the routing instance to use to reach the NTP server.
Source Network Source Interface	Click to select either the network or interface to use to reach the NTP server.
Version	Select the version of the NTP server. The current version is 4, which is compatible with version 3.
Enable	Click to activate the NTP server.
iburst	Click to enable iburst on the server. Using iburst improves the time required for initial synchronization. With iburst, when the NTP server is unreachable, a burst of eight packets is sent instead of the usual one packet.

6. Click OK.

Configure an Authentication Key ID

To configure an authentication key to validate the NTP server:

- In Director view:
 - Select the Configuration tab in the top menu bar.
 - Select Templates > Device Templates in the horizontal menu bar.
 - Select an organization in the left menu bar.
 - Select a device in the main pane. The view changes to Appliance view.
- Select the Configuration tab in the top menu bar.
- Select Others > System Time & Date > Key ID in the left menu bar.



4. Click the **+** Add icon. In the Add Key ID popup window, enter information for the following fields.

×

Add Key ID

Key ID *

68

☒ Trusted

Description

Type

MD5

Value *

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OK

Cancel

Field	Description
Key ID	Enter an ID for the authentication key.
Trusted	Click to mark the key as trusted.
Type	Select the key type: <ul style="list-style-type: none"> MD5
Value	Enter a key value.

5. Click OK.

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

[Configure Basic Features](#)