Icon and Button Reference

The following topics identify the buttons, icons, and badges used in Cisco Prime Network Vision (Prime Network Vision) and Cisco Prime Network Events (Prime Network Events):

Icons

The following topics describe the icons used in Prime Network Vision:

Network Element Icons

Table A-1 Prime Network Vision Network Element Icons

Icon	Network Element
	Access pseudowire Router
	Cisco ASA device
	ATM switch
	Basic rate access (BRA)
	Cisco 7600 series router
	Cisco ASR 1000 series router
	Cisco ASR 5000 series router
	Cisco ASR 9000 series router
	Cisco CRS series router
	Cisco IOS XR 12000 series router
	Cisco MWR 3941
	Cisco ME-3800 and Cisco ME-3400 series routers
	Cisco Nexus 1000 series

Table A-1 Prime Network Vision Network Element Icons (continued)

Icon	Network Element
	Cisco Unified Computing System (UCS) 6100 series
	Cloud
	Digital subscriber line access multiplexer (DSLAM)
	Ethernet switch
	Generic Server
	Generic SNMP device
	Ghost, or unknown device
	ICMP device
	Lock, or security violation; viewable by a user with a higher permission level
	Missing icon, displayed in either of the following situations: • A device has been deleted via Prime Network Administration, but remains in the map. • A unique icon for an element (physical or logical) does not exist.
	Cisco MDS device
	Nexus 5000 Series device
	Nexus 7000 Series device
	Sun Netra server

Table A-1 Prime Network Vision Network Element Icons (continued)

Icon	Network Element
	PC
	Printer
	RFGW-10 device
	Service control switch
	UBR 10012 device
	UCS C Series device
	vCenter device
	Virtual Security Gateway (VSG) device
	WiFi element

Business Element Icons

Table A-2 Prime Network Vision Business Element Icons

Icon	Business Element
	Aggregation or root node
	Backup pseudowire edge
	Business IP interface

Table A-2 Prime Network Vision Business Element Icons (continued)

Icon	Business Element
	Connection termination point (TP) Ethernet flow point (EFP) MToP service
	Customer
	EFP cross-connect
	Ethernet service
	Ethernet virtual connection (EVC)
	Label-Switched Path (LSP) endpoint
	LSP midpoint
	Network LSP
	Network pseudowire
	Network TP tunnel
	Network VLAN
	Protected LSP
	Pseudowire edge
	Pseudowire switching entity

Table A-2 Prime Network Vision Business Element Icons (continued)

Icon	Business Element
	Site
	Subnet
	Switching entity
	TP tunnel endpoint
	Virtual router
	VPLS forward
	VPLS instance
	VPN
	Working LSP

Logical Inventory Icons

Table A-3 describes the icons used in logical inventory.

Table A-3 Logical Inventory Icons

Icon	Logical Inventory Item	
	Access Lists	Link Layer Discovery Protocol (LLDP)
	ATM Traffic Profiles	Modular OS
	Bidirectional Forwarding Detection (BFD)	Operating System
	Cisco Discovery Protocol (CDP)	Operations, Administration, and Maintenance (OAM)
	Clock	Resilient Ethernet Protocol (REP)
	DTI Client	Session Border Controller
	Ethernet LMI	Spanning Tree Protocol
	Fiber Node	Tunnel Traffic Descriptors
	Frame Relay Traffic Profiles	BBA Groups
	IP SLA	Policy Container
	IP Pool	
	Dynamic Config Templates	
	QoS	
	Access Gateway	Multiple Spanning Tree protocol (MST) instance
	ARP Entity	OSPF Processes
	Bridges	Pseudowires
	Ethernet Link Aggregation	Routing Entities
	GRE Tunnels	Traffic Engineering Tunnels
	ICCP Redundancy container	VC Switching Entities
	IMA Groups	VRFs
	Local Switching	VSIs
	LSEs	VPC Domain
	MLPPP	BNG
	MPBGPs	DHCP Service
	Multicast	
	AAA Group	
	MAC Domain	
	Narrowband Channels	
	QAM Domain	
	Wideband Channels	

Table A-3 Logical Inventory Icons (continued)

Icon	Logical Inventory Item
	Probe
	Y.1731 Probe
	Bridge
	Connectivity Fault Management (CFM) Maintenance Association
	CFM Maintenance Domain
	Connectivity Fault Management
	Context, for devices that support multiple virtual contexts
	Cross-VRF
	Encapsulation
	ICCP Redundancy group
	Inverse Multiplexing over ATM (IMA) group
	Label switching
	Layer 2 Tunnel Protocol (TP) peer
	Logical inventory
	Virtual Switch Interface (VSI)

Table A-3 Logical Inventory Icons (continued)

Icon	Logical Inventory Item
	VLAN Trunk Protocol (VTP)
	Mobile node
	GGSN / SAE-GW / P-GW / S-GW / EGTP / GTPP container
	GGSN / SAE-GW / P-GW / S-GW / EGTP / GTPP
	GTPU
	APN container
	APN
	ACS
	Operator policy
	APN profile / APN remap
	Virtual data center
	Data store
	Data stores container
	Host server or hypervisor
	Host servers/hypervisor container
	Virtual machine

Table A-3 Logical Inventory Icons (continued)

Icon	Logical Inventory Item
	Virtual machines container
	VSAN
	Compute Resource Pool

Physical Inventory Icons

Table A-4 describes the icons used in physical inventory.

Table A-4 Physical Inventory Icons

Icon	Device
	Chassis
	Cluster
	Satellite
	Shelf
	Slot/Subslot
	Port/Logical Port
	Unmanaged Port

Links

The following sections describe link icons and characteristics:

- Link Icons, page A-11
- Link Colors, page A-12
- Link Characteristics, page A-12

Link Icons

Table A-5 identifies the available link types and their representation in Prime Network Vision.

Table A-5 Prime Network Vision Link Icons

Icon	Description	Icon	Description
	Asynchronous Transfer Mode		Unknown
	Bidirectional Forwarding Detection		Physical layer
	Border Gateway Protocol		Private Network-to-Network Interface
	Business link		Point-to-Point Protocol
	Ethernet		Pseudowire
	Frame Relay		Serial
	Generic Routing Encapsulation		MPLS TE Tunnel
	Internal		MPLS TP Tunnel
	IP		VLAN
	Link aggregation group		IPv6 VPN over IPv4-MPLS
	Multilink Point-to-Point Protocol		VPN
	MPLS		Fiber Channel
	Entity Association		

Link Colors

Table A-6 Link Colors and Severity

Color	Severity	Description
	Critical	Critical alarm is on the link.
	Major	Major alarm is on the link.
	Minor	Minor alarm is on the link.
	Normal	Link is operating normally.
	Selected	Link is selected.

Link Characteristics

Table A-7 Link Characteristics

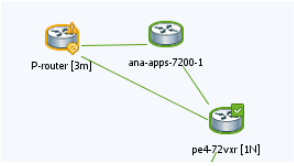
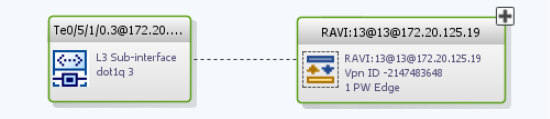
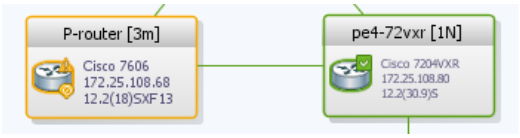
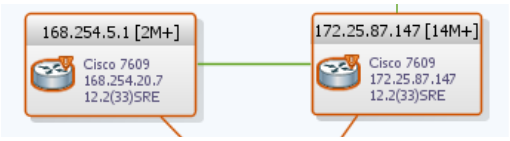
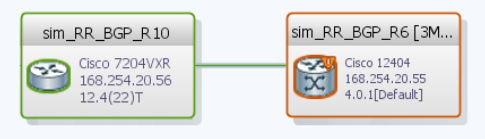
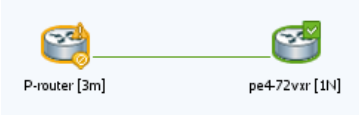
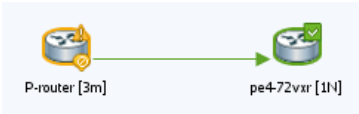
Example	Description
Solid Line vs. Dashed Line	
	Solid line—Physical, topological, or service link, such as a link between two devices.
	Dashed line—Association or *business link* between such elements as EVCs, VPLS service instances, or VPN components.
Link Widths	
	Normal—Contains links of the same group. Available groups are: • Business • GRE • MPLS-TP • Pseudowire • VLAN • All others
	Wide—Aggregated links that contain links of different groups. When viewing a map at a low zoom level, aggregated links cannot be distinguished in the GUI.

Table A-7 Link Characteristics (continued)

Example	Description
	Tunnel—The center color represents the severity of any alarms on the link.
Arrowhead vs. No Arrowhead	
	No arrowhead—Bidirectional link.
	Arrowhead Unidirectional link, with the flow in the direction of the arrowhead.

Severity Icons

Table A-8 identifies the severity icons used in Prime Network Events and Prime Network Vision.

The icons and colors are used as follows:

- The icons are used to indicate the severity of alarms in Prime Network Events and tickets in the Prime Network Vision ticket pane.
- The icons are used as badges in Prime Network Vision maps to indicate the highest severity alarm that is not acknowledged for the associated network element.
- The colors are used with network elements in Prime Network Vision to indicate the severity of the highest uncleared ticket on the element.
- The colors are used with links in Prime Network Vision to indicate the severity of the alarm on the link. For more information, see Link Colors, page A-12.

Table A-8 Severity Indicators

Icon	Color	Severity
	Red	Critical
	Orange	Major
	Yellow	Minor
	Light Blue	Warning

Table A-8 Severity Indicators (continued)

Icon	Color	Severity
	Green	Cleared, Normal, or OK
	Medium Blue	Information
	Dark Blue	Indeterminate

Buttons

The following topics describe the buttons used in Prime Network Vision:

Prime Network Vision Buttons

Table A-9 Prime Network Vision Buttons

Button	Function
Map Options	
	Creates a new map in the database.
	Opens a map saved in the database using the Open dialog box.
	Adds a network element to the map or to the subnetwork selected in the navigation pane and displayed in the content pane.
	Saves the current map (the background and the location of devices) to the database.
Viewing Options	

Table A-9 Prime Network Vision Buttons (continued)

Button	Function
	Displays the map view in the Prime Network Vision content pane (the button toggles when selected or deselected).
	Displays the list view in the Prime Network Vision content pane (the button toggles when selected or deselected).
	Displays the links view in the Prime Network Vision content pane (the button toggles when selected or deselected).
Overlay Tools	
	Chooses and displays an overlay of a specific type on top of the elements displayed in the content pane in the map view. When an overlay is selected, all the elements and links that are part of the overlay are colored, and those that are not part of the overlay are dimmed.
	Displays or hides a previously defined overlay of a specific type on top of the elements displayed in the content pane in map view.
	Refreshes the overlay.
Navigation Tools	
	Moves up a level in the navigation pane and map pane to enable you to view different information.
	Opens the Link Filter dialog box, enabling you to display or hide different types of links in the map and links views. If a link filter is applied to the map, the Link Filter Applied button is displayed instead.
	Indicates a link filter is currently applied to the map and opens the Link Filter dialog box so you can remove or modify the existing link filter. If no link filter is applied to the map, the Link Filter button is displayed instead.
	Opens a window displaying an overview of the network.
Search Tools	
	Finds the previous instance of the search string entered in the Find in Map dialog box.
	Opens the Find in Map dialog box, enabling you to find a device or aggregation in the map by its name or IP address.
	Finds the next instance of the search string entered in the Find in Map dialog box.

Table A-9 Prime Network Vision Buttons (continued)

Button	Function
	Opens the Find Business Tag dialog box, enabling you to find and detach a business tag according to a name, key, or type.
Map Zoom and Layout Tools	
	Defines the way in which the NES are arranged in the Prime Network Vision map view: circular, hierarchical, orthogonal, or symmetric.
	Fits the entire subnetwork or map in the map pane.
	Activates the normal selection mode.
	Activates the zoom selection mode, which enables you to select an area in the map pane to zoom in on by clicking and dragging.
	Activates the pan mode, which enables you to move around in the map pane by clicking and dragging.
	Opens the Activation dialog box.
	Opens the Activation List dialog box.
Print Preview Options	
	Opens the Printer Setup dialog box so you can specify your print settings.
	Opens the Print dialog box so you can print the displayed network or map to the required printer.
	Zooms in on the network or map.
	Zooms out of the network or map.
	Displays the entire network or map in the Print Preview window.

Table Buttons

Table A-10 Table Buttons

Icon	Name	Description
	Find	Searches the current table for the string you enter.
	Export to CSV	Exports the information displayed in the list view. Either the selected rows are exported, or, when nothing is selected, the entire table is exported.
	Sort Table Values	Sorts the information displayed in the list view (for example, according to *element category*).
	Filter	Filters the information displayed in the table by the criteria you specify.
	Clear Filter	Clears the existing filter.
	Show All Rows	Displays all table rows that meet the current filtering criteria.
	Show Only Selected Rows	Displays only the rows that you select.

Link Filtering Buttons

Table A-11 Link Filtering Buttons

Button	Name	Description
	All Links	Displays the complete list of links for the selected context (map or aggregation). In other words, the list is not filtered and all the links are displayed, including external links.
	External Links	Displays links with only one side of the link in this context (map or aggregation) and the other side either not in the map or outside the selected context.
	Flat Links	Displays the links currently visible on the map for the selected context (map or aggregation), excluding any thumbnails.
	Deep Links	Displays the links for the current aggregation where both endpoints are within the currently selected context.

Prime Network Events Buttons

Table A-12 Prime Network Events Buttons

Button	Function
	Displays the previous page of events in the Prime Network Events window.
	Displays the next page of events in the Prime Network Events window.
	Refreshes the events displayed in the log by querying the database. If a filter is active, the refresh is done according to the filter. The log returns to the beginning of the list, displaying the events in ascending or descending order depending on the order of the current list. Descending order means that the last event is displayed first.
	Displays the Prime Network Events Filter dialog box, which enables you to define a filter for the events displayed in the Prime Network Events log.
	Toggles automatic refresh of event data on and off. You define the refresh-time period (in seconds) in the Prime Network Events Options dialog box. The default is 60 seconds. If a filter is active, the refresh is done according to the filter.
	Displays the properties of the selected event or ticket in the Properties pane.

Ticket Properties Buttons

Table A-13 Ticket Properties Window Buttons

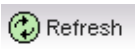
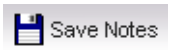
Icon	Description
	Refreshes the information displayed in the Ticket Properties dialog box.
	Acknowledges that the ticket is being handled. The status of the ticket is displayed as true in the ticket pane and in the Ticket Properties dialog box. If a ticket was acknowledged, and some events were correlated to it afterward, then the ticket is considered to have not been acknowledged. This button is enabled only if the ticket is not acknowledged.
	Requests the relevant Prime Network system to remove the faulty network element from the Prime Network Vision networking inventory. In addition, it sets the ticket to Cleared severity or status (the icon is displayed in green) and automatically changes the acknowledged status of the ticket to true. This button is enabled only if the severity of the alarm is higher than Cleared or Normal.

Table A-13 Ticket Properties Window Buttons (continued)

Icon	Description
	Clicking on this ticket will deacknowledge a ticket.
	Saves the notes for the selected ticket. This button is enabled only when text is entered in the Notes field of the Notes tab.

Report Manager Buttons

Table A-14 Report Manager Buttons

Icon	Name	Description
	Define Report of This Type	Enables you to define a report of this type that is suited specifically to your environment.
	Delete	Deletes one or more folders that you created.
	Delete Report	Deletes the selected report.
	Move	Moves one or more folders or reports that you created.
	New Folder	Creates a new folder
	Rename	Renames a folder that you created.
	Run	Generates the selected report
	View	Displays the selected report in HTML format.

Badges

Badges are small icons that appear with other network elements, such as element icons or links.

The following topics describe the badges used by Prime Network Vision and Prime Network Events:

- VNE Communication State Badges, page A-20
- VNE Investigation State Badges, page A-20
- Network Element Technology-Related Badges, page A-21

VNE Communication State Badges

Table A-15 VNE Communication State Badges

Badge	State Name	Description
None	Agent Not Loaded	The VNE is not responding to the gateway because it was stopped, or it was just created. This communication state is the equivalent of the Defined Not Started investigation state.
	VNE/Agent Unreachable	The VNE is not responding to the gateway. This can happen if the unit or AVM is overutilized, the connection between the gateway and unit or AVM was lost, or the VNE is not responding in a timely fashion. (A VNE in this state does not mean the device is down; it might still be processing network traffic.)
None	Connecting	The VNE is starting and the initial connection has not yet been made to the device. This is a momentary state. Because the investigation state decorator (the hourglass) will already be displayed, a special GUI decorator is not required.
	Device Partially Reachable	The element is not fully reachable because at least one protocol is not operational.
	Device Unreachable	The connection between the VNE and the device id down because all of the protocols are down (though the device might be sending traps or syslogs).
None	Tracking Disabled	The reachability detection process is not enabled for any of the protocols used by the VNE. The VNE will not perform reachability tests nor will Prime Network generate reachability-related events. In some cases this is desirable; for example, tracking for Cloud VNEs should be disabled because Cloud VNEs represent unmanaged network segments.

VNE Investigation State Badges

Table A-16 VNE Investigation State Badges

Badge	State Name	Description
None	Defined Not Started	A new VNE was created (and is starting); or an existing VNE was stopped. In this state, the VNE is managed and is validating support for the device type. (This investigation state is the equivalent of the Agent Not Loaded communication state.) A VNE remains in this state until it is started (or restarted) by a user.
	Unsupported	The device type is either not supported by Prime Network or is misconfigured (it is using the wrong scheme, or is using reduced polling but the device does not support it). To extend Prime Network functionality so that it recognizes unsupported devices, use the VNE Customization Builder. See the *Cisco Prime Network 4.0 Customization Guide*.
	Discovering	The VNE is building the model of the device (the device type was found and is supported by Prime Network). A VNE remains in this state until all device commands are successfully executed at least once, or until there is a discovery timeout.

Table A-16 VNE Investigation State Badges (continued)

Badge	State Name	Description
None	Operational	The VNE has a stable model of the device. Modeling may not be fully complete, but there is enough information to monitor the device and make its data available to other applications, such as activation scripts. A VNE remains in this state unless it is stopped or moved to the maintenance state, or there are device errors.
	Currently Unsynchronized	The VNE model is inconsistent with the device. This can be due to a variety of reasons; for a list of these reasons along with troubleshooting tips, see the topic on troubleshooting VNE investigation state issues in the *Cisco Prime Network 4.0 Administrator Guide*.
	Maintenance	VNE polling was suspended because it was manually moved to this state (by right-clicking the VNE and choosing **Actions > Maintenance**). The VNE remains in this state until it is manually restarted. A VNE in the maintenance state has the following characteristics: • Does not poll the device, but handles syslogs and traps. • Maintains the status of any existing links. • Does not fail on VNE reachability requests. • Handles events for correlation flow issues. It does not initiate new service alarms, but does receive events from adjacent VNEs, such as in the case of a Link Down alarm. The VNE is moved to the Stopped state if: it is VNE is moved, the parent AVM is moved or restarted, the parent unit switches to a standby unit, or the gateway is restarted.
	Partially Discovered	The VNE model is inconsistent with the device because a required device command failed, even after repeated retries. A common cause of this state is that the device contains an unsupported module. To extend Prime Network functionality so that it recognizes unsupported modules, use the VNE Customization Builder. See the *Cisco Prime Network 4.0 Customization Guide*.
	Shutting Down	The VNE has been stopped or deleted by the user, and the VNE is terminating its connection to the device.
None	Stopped	The VNE process has terminated; it will immediately move to Defined Not Started.

Network Element Technology-Related Badges

Table A-17 Network Element Technology-Related Badges

Icon	Description
	Access gateway
	Blocking
	Clock service

Table A-17 Network Element Technology-Related Badges (continued)

Icon	Description
	Associated LSP is in lockout state
	Multiple links
	Reconciliation
	REP blocking primary
	REP primary
	Redundancy service
	STP root

Alarm and Ticket Badges

See Severity Icons, page A-13 for information about the icons used for alarm and ticket badges.