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12-23Cisco ASA 5500 Series Configuration Guide using ASDMChapter12 Starting Interface Configuration (ASA 5510 and Higher) Starting Interface Configuration (ASA 5510 and Higher)Step12 Close the Command Line Interface dialog box, and choose File > Refresh ASDM with the Running Configuration.Step13 Reenable failover by choosing Configuration > Device Management > High Availability > Failover, and checking the Enable failover check box. Click Apply, and click No when prompted if you want to configure basic failover settings.Enabling the Physical Interface and Configuring Ethernet ParametersThis section describes how to:•Enable the physical interface•Set a specific speed and duplex (if available)•Enable pause frames for flow controlPrerequisitesFor multiple context mode, complete this procedure in the system execution space. If you are not already in the system configuration mode, in the Configuration > Device List pane, double-click System under the active device IP address.Detailed StepsStep1 Depending on your context mode:•For single mode, choose the Configuration > Device Setup > Interfaces pane.•For multiple mode in the System execution space, choose the Configuration > Context Management > Interfaces pane.By default, all physical interfaces are listed.Step2 Click a physical interface that you want to configure, and click Edit.The Edit Interface dialog box appears.Page 267-10Cisco ASA 5500 Series Configuration Guide using ASDMChapter67 Configuring Active/Active FailoverConfiguring Active/Active FailoverManager. For both types of failover, you need to provide system-level failover settings in the system context, and context-level failover settings in the individual security contexts. For more information about configuring failover in general, see Chapter65, "Information About High Availability."•Seethe following topics for more information:•Failover > Setup Tab>Failover> Criteria Tab>Failover> Active/Active Tab>Failover> MAC Addresses Tab>Failover > Setup TabUse this tab to enable failover on an ASA in multiple context mode. You also designate the failover link and the state link, if using Stateful Failover, on this tab.Note During a successful failover event on the ASA, the interfaces are brought down, roles are switched (IP addresses and MAC addresses are swapped), and the interfaces are brought up again. However, the process is transparent to users. The ASA does not send link-down messages or system log messages to notify users that interfaces were taken down during failover (or link-up messages for interfaces brought up by the failover process).Fields•Enable Failover—Checking this check box enables failover and lets you configure a standby ASA.Note The speed and duplex settings for an interface cannot be changed when Failover is enabled. To change these settings for the failover interface, you must configure them in the Configuration > Interfaces pane before enabling failover.•Use 32 hexadecimal character key—Check this check box to enter a hexadecimal value for the encryption key in the Shared Key field. Uncheck this check box to enter an alphanumeric shared secret in the Shared Key field. •Shared Key—Specifies the failover shared secret or key for encrypted and authenticated communications between failover pairs. If you checked the Use 32 hexadecimal character key check box, then enter a hexadecimal encryption key. The key must be 32 hexadecimal characters (0-9, a-f). If you cleared the Use 32 hexadecimal character key check box, then enter an alphanumeric shared secret. The shared secret can be from 1 to 63 characters. Valid character are any combination of numbers, letters, or punctuation. The shared secret is used to generate the encryption key. •LAN Failover—Contains the fields for configuring LAN Failover. •Interface—Specifies the interface used for failover communication. Failover requires a dedicated interface, however, you can use the same interface for Stateful Failover. Only unconfigured interfaces or subinterfaces that have not been assigned to a context are displayed in this list and can be selected as the LAN Failover interface. Once you specify an interface as the LAN Failover interface, you cannot edit that interface in the Configuration> Interfaces pane or assign that interface to a context.Page 367-11Cisco ASA 5500 Series Configuration Guide using ASDMChapter67 Configuring Active/Active Failover Configuring Active/Active Failover–Active IP—Specifies the IP address for the failover interface on the active unit. The IP address can be an IPv4 or an IPv6 address. •Subnet Mask/Prefix Length—Depending upon the type of address specified for the Active IP, enter a subnet mask (IPv4 addresses) or a prefix length (IPv6 address) for the failover interface on the primary and secondary unit. •Logical Name—Specifies the logical name of the interface used for failover communication. •Standby IP—Specifies the IP address used by the secondary unit to communicate with the primary unit. The IP address can be an IPv4 or an IPv6 address. •Preferred Role—Specifies whether the preferred role for this ASA is as the primary or secondary unit in a LAN failover. •State Failover—Contains the fields for configuring Stateful Failover. •Interface—Specifies the interface used for failover communication. You can choose an unconfigured interface or subinterfaces or the LAN Failover interface. If you choose the LAN Failover interface, the interface needs enough capacity to handle both the LAN Failover and Stateful Failover traffic. Also, you do not need to specify the Active IP, Subnet Mask, Logical Name, and Standby IP values; the values specified for the LAN Failover interface are used.Note We recommend that you use two separate, dedicated interfaces for the LAN Failover interface and the Stateful Failover interface. •Active IP—Specifies the IP address for the Stateful Failover interface on the primary unit. This field is dimmed if the LAN Failover interface or Use Named option is selected in the Interface drop-down list. •Subnet Mask/Prefix Length—Specifies the mask (IPv4 address) or prefix (IPv6 address) for the Stateful Failover interfaces on the primary and secondary units. This field is dimmed if the LAN Failover interface or Use Named option is selected in the Interface drop-down list. •Logical Name—Specifies the logical interface used for failover communication. If you chose the Use Named option in the Interface drop-down list, this field displays a list of named interfaces. This field is dimmed if the LAN Failover interface is chosen from the Interface drop-down list. •Standby IP—Specifies the IP address used by the secondary unit to communicate with the primary unit. This field is dimmed if the LAN Failover interface or Use Named option is chosen from the Interface drop-down list. •Enable HTTP replication—Checking this check box enables Stateful Failover to copy active HTTP sessions to the standby firewall. If you do not allow HTTP replication, then HTTP connections are disconnected at failover. Disabling HTTP replication reduces the amount of traffic on the state link.Failover > Criteria TabUse this tab to define criteria for failover, such as how many interfaces must fail and how long to wait between polls. The hold time specifies the interval to wait without receiving a response to a poll before unit failover. Hello, I just would like to confirm if ASA 5525-X with 9.6 will allow to create VLANs and assigned them to the interfaces, such as an example ciscoasa(config)# interface vlan 1 ciscoasa(config-if)# nameif inside ... ciscoasa(config-if)# interface vlan 2 ciscoasa(config-if)# nameif outside ... THEN ciscoasa(config)# interface E10/0 ciscoasa(config-if)# switchport access vlan 1 ... ciscoasa(config-if)# interface E10/7 ciscoasa(config-if)# switchport access vlan 2 What is different in ASA 5525-x and how to implement this ? The documentation set for this product strives to use bias-free language. For the purposes of this documentation set, bias-free is defined as language that does not imply discrimination based on age, disability, gender, racial identity, ethnic identity, sexual orientation, socioeconomic status, and intersectionality. Exceptions may be present in the documentation due to language that is hardcoded in the user interfaces of the product software, language used based on RFP documentation, or language that is used by a referenced third-party product. Learn more about how Cisco is using Inclusive Language. User Manuals, Guides and Specifications for your Cisco ASA 5525-X Chassis, Firewall, Network Hardware, Security System. Database contains 8 Cisco ASA 5525-X Manuals (available for free online viewing or downloading in PDF): Cli configuration manual, Software manual, Installation instructions manual, Configuration manual, Quick start manual, Hardware installation manual. Obtaining Documentation and Submitting a Service Request 4 Introduction to Cisco ASA Firewall Services 5 How to Implement Firewall Services 5 Network Address Translation 8 Use Case: Expose a Server to the Public 9 Objects for Access Control 13 Guidelines for Objects 13 Configuration Network Objects and Groups 14 Configure a Network Object 14 Configure a Network Object Group 15 Configure Service Objects and Service Groups 16 Configure a Service Object 16 Configure a Service Group 17 Configure Local User Groups 19 Configure Security Group Object Groups 20 Access Control Entry Order 27 Permit/Deny Vs. 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