

Notes

Cisco Router Initial Configuration Template

Introduction

This repository contains a basic Cisco router configuration template designed to provide a starting point for configuring Cisco routers in network environments. The template includes essential configurations for setting up interfaces, routing, security, and management settings.

How it works

The configuration template is structured in a way that makes it easy to deploy on Cisco routers. It provides placeholders for values that need to be customized according to your specific network requirements. Once customized, the template can be copied and pasted directly into the router's command-line interface (CLI) for configuration.

Features

- Simplified configuration: The template includes pre-configured settings for common router configurations.
- Security enhancements: Configuration includes security settings such as enabling SSH and setting an enable secret password.
- Customization: Placeholder values allow easy customization to adapt the configuration to your network environment.
- Banner message: Includes a customizable login banner for security compliance.

Getting Started

To use this configuration template:

1. Clone or download this repository.
2. Open the `cisco_router_config_template.txt` file.
3. Customize the placeholder values (`<Placeholder>`) with appropriate values for your network environment.
4. Copy the customized configuration template.
5. Access your Cisco router's CLI (command-line interface).
6. Enter global configuration mode and paste the configuration template.
7. Verify and save the configuration.

License

This project is licensed under the MIT License.

GitHub

Share Link: <https://github.com/Anthony-Constant/Cisco-Router-Initial-Configuration-Template/tree/main>

Cisco CLI COPY & PASTED LOCAL SOURCE CODE

```
! Cisco Router Configuration Template
!  
! Note: Replace placeholders like <Placeholder> with appropriate values.
!  
! Enter privileged exec mode
enable
!  
! Enter global configuration mode
configure terminal
!  
! Set software version
version <SoftwareVersion>
!  
! Disable unnecessary services
no service pad
no service config
no service finger
no service dhcp
no ip bootp server
no ip source-route
no cdp run
no ip gratuitous-arps
no ip domain-lookup
!  
! Set hostname
hostname <Hostname>
!  
! Set system MTU
system mtu <SystemMTU>
!  
! Configure Spanning Tree Protocol
spanning-tree mode pvst
spanning-tree extend system-id
```

```
!  
! Set VLAN internal allocation policy  
vlan database  
vlan internal allocation policy ascending  
!  
! Configure interfaces  
interface FastEthernet0/0  
  description *** WAN Interface ***  
  no shutdown  
  ip address <WAN_IP> <WAN_SubnetMask>  
!  
interface FastEthernet0/1  
  description *** LAN Interface ***  
  no shutdown  
  ip address <LAN_IP> <LAN_SubnetMask>  
!  
! Repeat for additional interfaces as needed  
!  
! Set default route (if required)  
ip route 0.0.0.0 0.0.0.0 <Gateway_IP>  
!  
! Configure VLAN interface Management IP  
interface Vlan1  
  ip address <ManagementIP> <SubnetMask>  
  no shutdown  
!  
! Configure HTTP server  
ip http server  
ip http secure-server  
!  
! Enable SSH  
ip ssh version 2  
!  
! Set enable secret for console  
enable secret <EnablePassword>  
!  
! Configure console and VTY lines  
line con 0
```

```
password <ConsolePassword>
logging synchronous
login
line vty 0 4
password <VTYPassword>
login
transport input ssh
!
! Configure login banner
banner motd #
*****
** * WARNING * **
** * * **
** * Unauthorized access to this device is prohibited. * **
** * Violators will be prosecuted to the fullest extent of the law. * **
** * * **
*****
#
! Exit configuration mode
end
!
! www.anthonyconstant.co.uk
```


