

ASSIGNMENT

COURSE	PA Firewall	ASSIGNMENT NO	3
MODULE	Firewall	ASSIGNMENT DATE	26-Sep-24
STUDENT NAME	Konganti Chaithanya Kumar	SUBMIT DATE	26-Sep-24

1. Change the Firewall Name and Time

Access the PAN Web Interface:

• Log in to the PAN firewall using the web interface with your credentials.

Navigate to:

• Device > Setup > Management tab.

• Change Firewall Name:

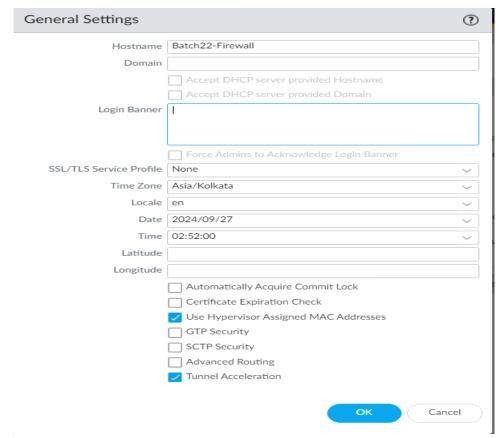
- Under General Settings, click the gear icon to the right of Hostname.
- Enter the new firewall name and click OK.

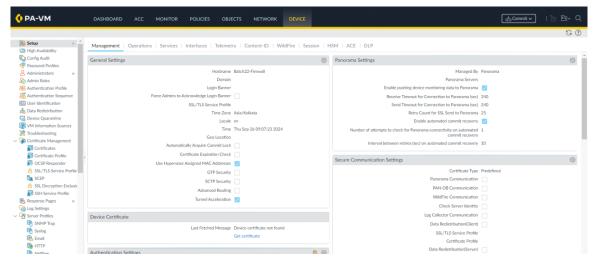
• Change System Time:

- Under Operations in the same tab, click Set Time.
- Update the time and time zone as needed.
- Click OK to apply changes.

Screenshot: After changing the firewall name and time, take a screenshot from the Management tab.







2. Write a Banner and Verify It

- Access the PAN Web Interface:
 - Log in to the PAN firewall using the web interface with your credentials.



Navigate to:

Device > Setup > Management tab.

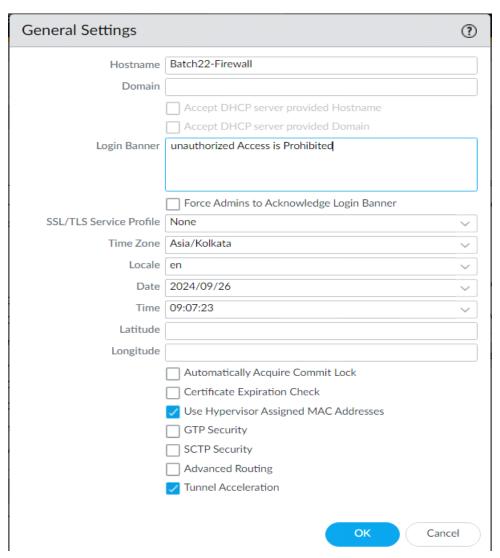
Write the Banner:

- Click the gear icon to the right of Login Banner.
- Enter the text for your banner and click OK.

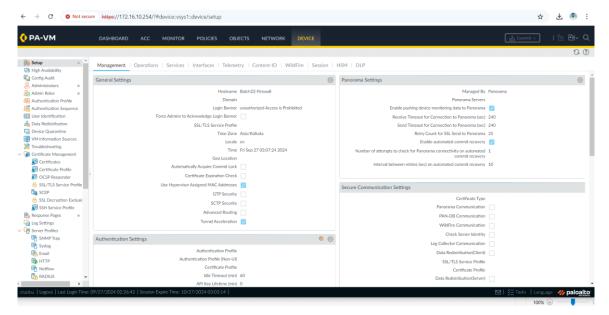
Verify the Banner:

 Logout of the web interface and re-login to see if the banner is displayed correctly.

Screenshot: After logging back in, capture a screenshot showing the banner at the login page.







3. Configure a Complex Password Policy

- Access the PAN Web Interface:
 - Log in to the PAN firewall using the web interface with your credentials.
- Navigate to:
 - Device > Setup > Management > Password Profile.
- Create a Password Profile:
 - Click Add and configure the following settings:
 - Minimum length: Set a value (8 characters).
 - Require at least one uppercase letter(1), one lowercase letter(1), one number(1), and one special character(1).
 - Set password expiration days (10).
 - Set the number of failed login attempts before lockout.

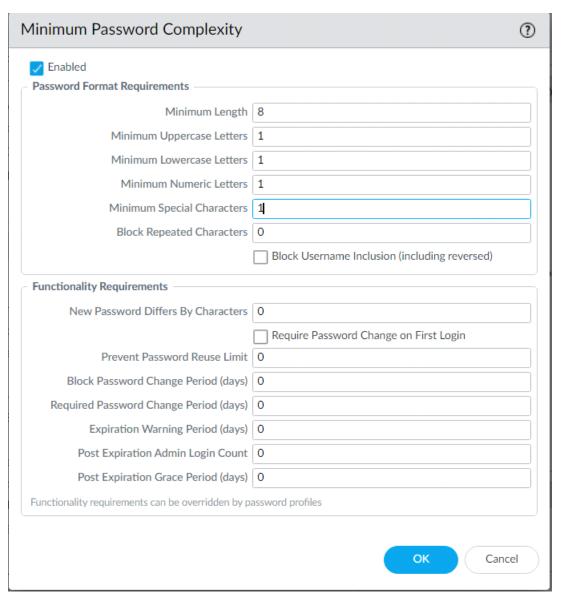


Click OK.

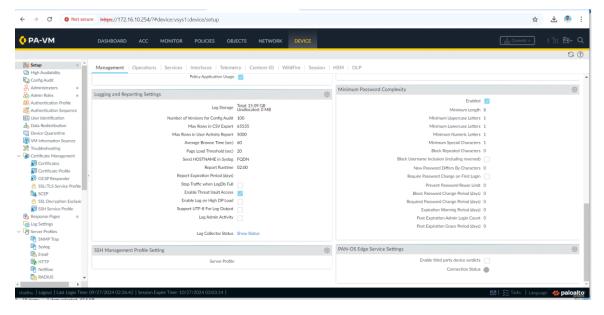
Test the Validity:

 Create a test user and attempt to set a password that doesn't meet the complexity requirements, and then one that does.

Screenshot: After configuring the policy, capture a screenshot showing the Password Profile screen.





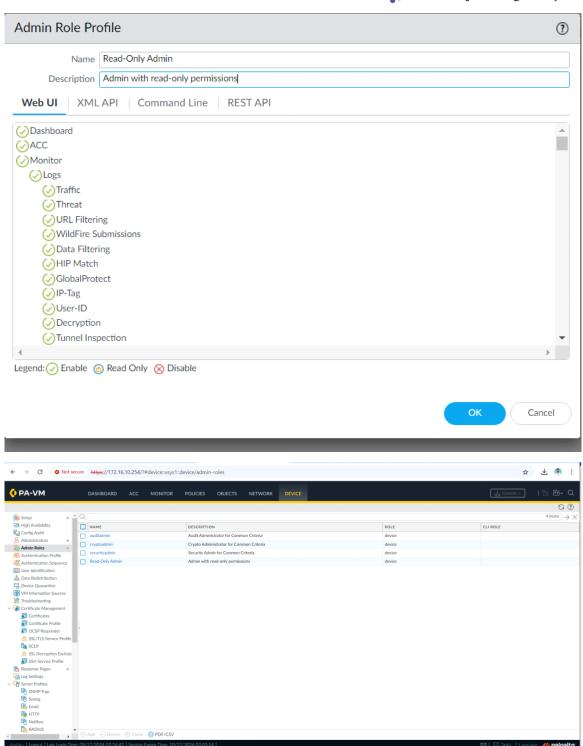


4. Create a Role-Based Profile

- Access the PAN Web Interface:
 - Log in to the PAN firewall using the web interface with your credentials.
- Navigate to:
 - Device > Admin Roles.
- Create a New Role:
 - Click Add and provide a name for the role.
 - Customize the permissions for various system components like Policies, Objects, Network, etc.
 - Save the role by clicking OK.

Screenshot: After creating the role, capture a screenshot showing the role settings.







5. Create a User and Assign the Role-Based Profile

Access the PAN Web Interface:

 Log in to the PAN firewall using the web interface with your credentials.

• Navigate to the Administrators Section:

- Go to the PAN firewall's Web UI.
- Navigate to Device > Administrators.

Add a New Administrator:

 In the Administrators section, click the Add button to create a new administrator account.

• Enter User Details:

- **Username:** Enter a username for the new admin (chaithu).
- **Password:** Enter and confirm a strong password for the user. Ensure the password complies with the complex password policy if you've set one.

Assign the Role-Based Profile:

• In the Admin Role Profile dropdown, select the role profile you created earlier.

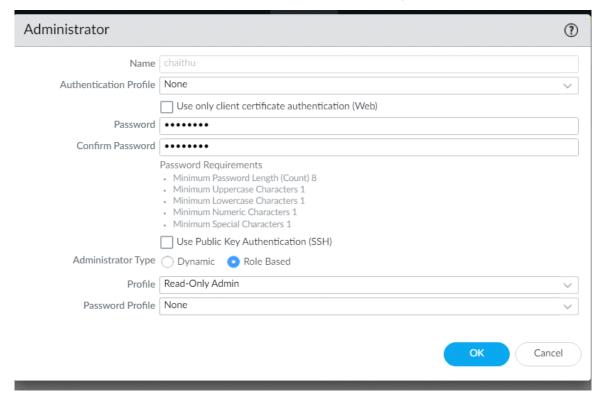
• Set the Authentication Profile:

• In the Authentication Profile section, choose the default profile or any existing authentication profile that is configured.

• Save the Configuration:

• Click OK to save the new administrator.

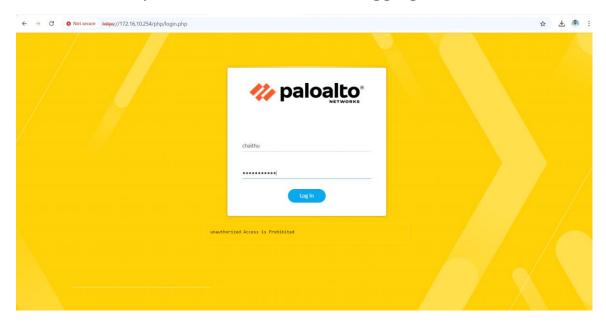




• Test the Login:

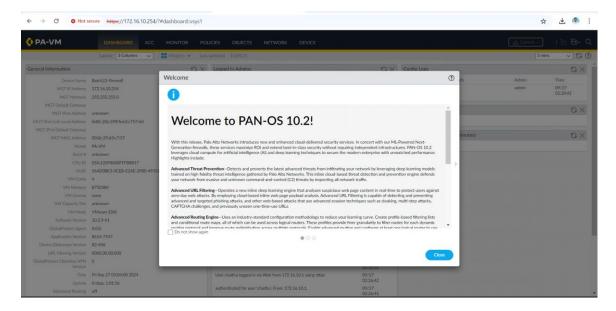
• Logout of the web interface and login using the new user's credentials to confirm it works.

Screenshot: Capture a screenshot after logging in with the new user.

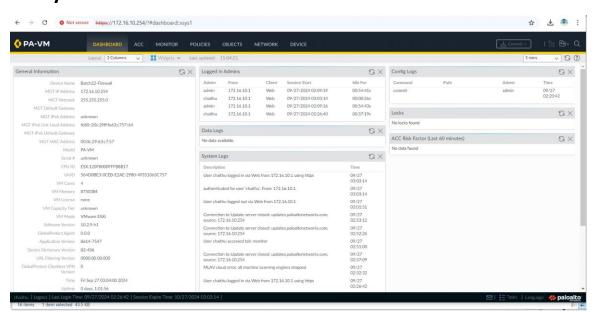




A successful login with the new user's credentials.



Verify the Role:



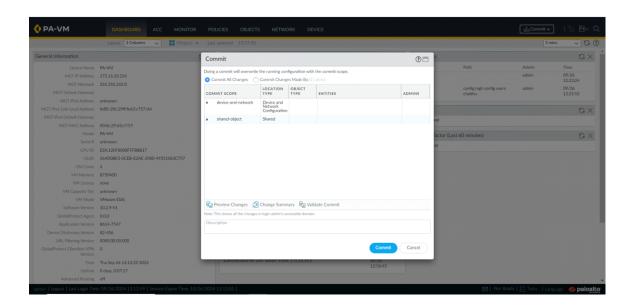


6. Commit the Changes

- Access the PAN Web Interface:
 - Log in to the PAN firewall using the web interface with your credentials.
- Navigate to:
 - Click Commit in the top-right corner of the web interface.
 - Review the changes and click Commit to apply.

Screenshot: After committing the changes, take a screenshot of the Commit status.

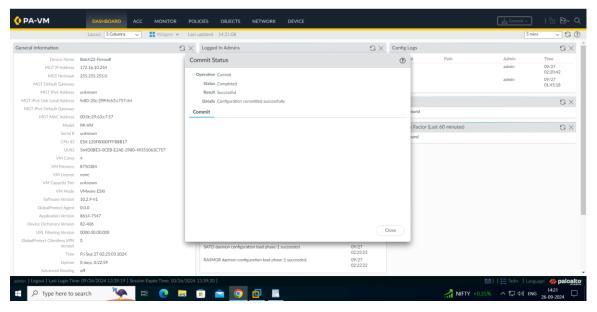
Wait for the Commit to Complete:



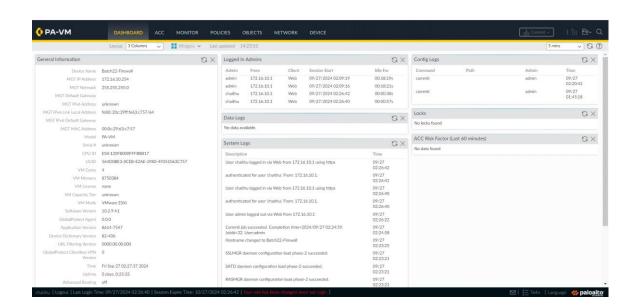
Successfully completed commit:

- The commit process will take a few seconds to complete, depending on the size and complexity of the changes.
- You will see a notification when the commit is successful.





After Completed welcome page:



Thank You