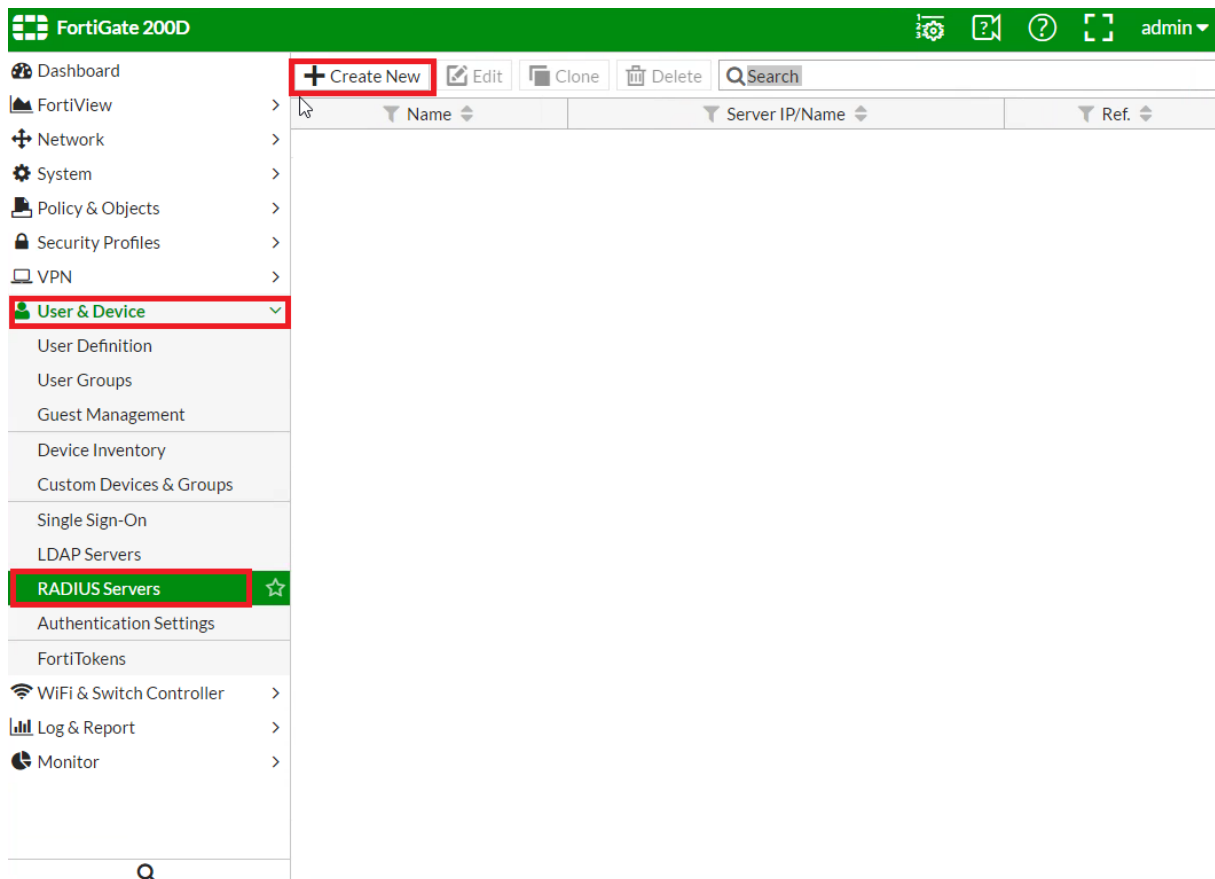


# Configuring Fortigate for two-factor authentication with Token2 TOTPRadius

First, create a new Radius-Server entry:



Fill the Fields, Name, Primary Server and Secret:

FortiGate 200D admin

- Dashboard
- FortiView
- Network
- System
- Policy & Objects
- Security Profiles
- VPN
- User & Device**
  - User Definition
  - User Groups
  - Guest Management
  - Device Inventory
  - Custom Devices & Groups
  - Single Sign-On
  - LDAP Servers
  - RADIUS Servers**
  - Authentication Settings
  - FortiTokens
- WiFi & Switch Controller
- Log & Report
- Monitor

New RADIUS Server

Name: TOTPRadius

Primary Server IP/Name: 192.168.1.50

Primary Server Secret: [Redacted] Test Connectivity

Secondary Server IP/Name: [Empty]

Secondary Server Secret: [Empty] Test Connectivity

Authentication Method: Default Specify

NAS IP: [Empty]

Include in every User Group:

OK Cancel

Test Connectivity with an existing User:

RADIUS Credentials ✕

Please provide a valid username & password to improve the accuracy and speed of the remote RADIUS server test. Invalid credentials may take longer to test.

User:

Password:

Test Cancel

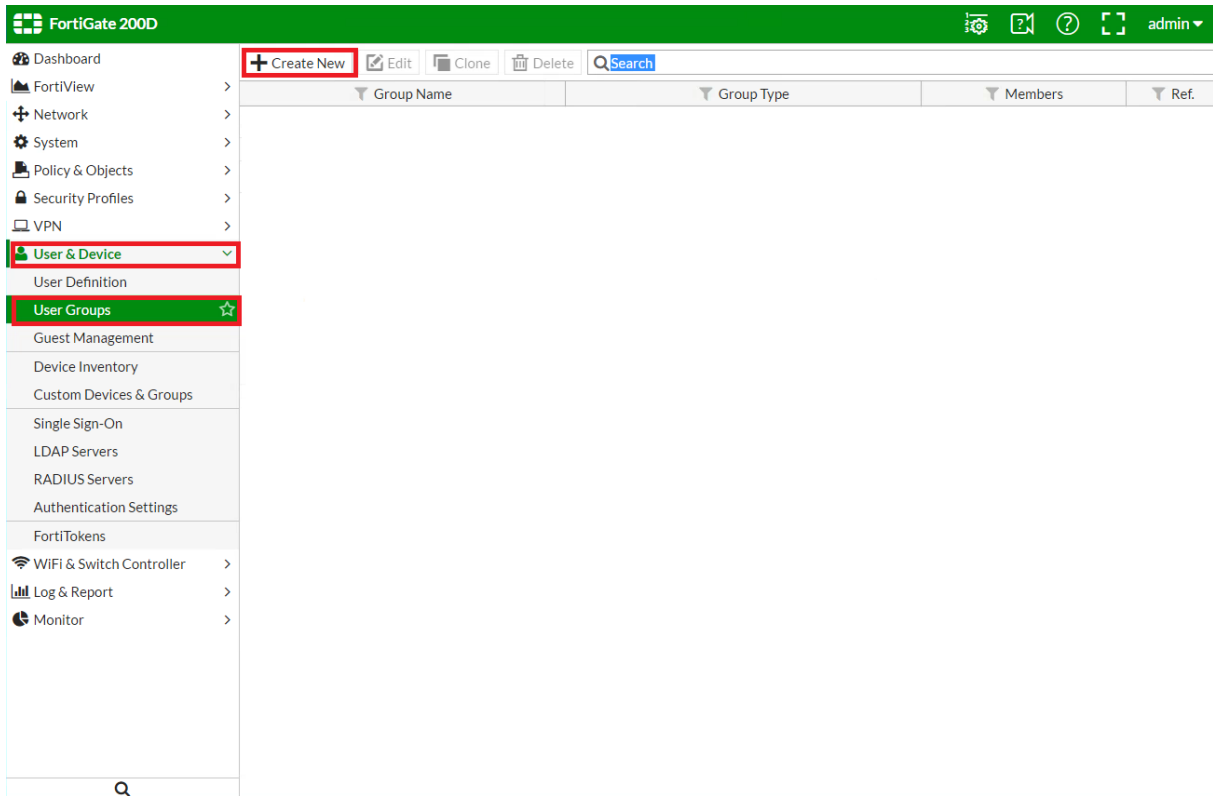
Hopefully you will get:

Test RADIUS Connectivity ✕

✓ Successful

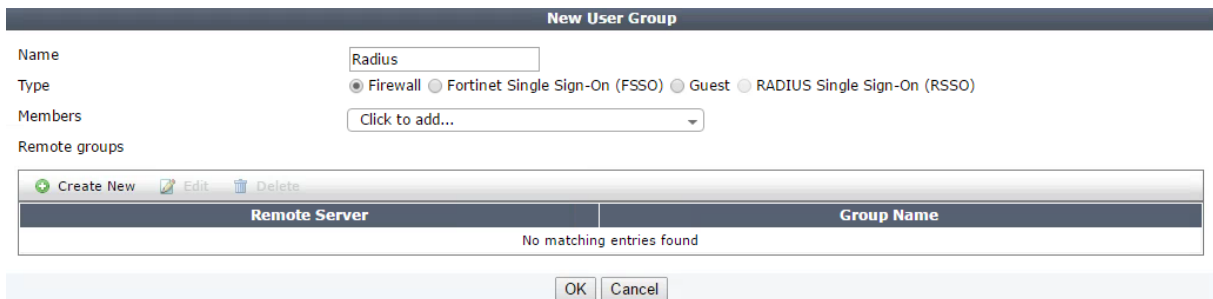
OK

Next, create a UserGroup :



The screenshot shows the FortiGate 200D web interface. The top navigation bar is green and contains the FortiGate logo, the text 'FortiGate 200D', and several utility icons (gear, refresh, help, search) along with the user 'admin'. On the left, a sidebar menu lists various configuration categories: Dashboard, FortiView, Network, System, Policy & Objects, Security Profiles, VPN, User & Device (highlighted in red), User Definition, User Groups (highlighted in green), Guest Management, Device Inventory, Custom Devices & Groups, Single Sign-On, LDAP Servers, RADIUS Servers, Authentication Settings, FortiTokens, WiFi & Switch Controller, Log & Report, and Monitor. The main content area shows a table with columns for Group Name, Group Type, Members, and Ref. Above the table are buttons for '+ Create New', 'Edit', 'Clone', and 'Delete', and a search bar.

Fill Name and Add Remote-Server (Don't add a Group)



The screenshot shows the 'New User Group' configuration form. The form has a dark header with the title 'New User Group'. Below the header, there are several fields: 'Name' with the value 'Radius', 'Type' with radio buttons for 'Firewall' (selected), 'Fortinet Single Sign-On (FSSO)', 'Guest', and 'RADIUS Single Sign-On (RSSO)', and 'Members' with a dropdown menu showing 'Click to add...'. Below these fields is a section for 'Remote groups' which contains a table with columns 'Remote Server' and 'Group Name'. The table is currently empty, with the text 'No matching entries found' centered below it. At the bottom of the form are 'OK' and 'Cancel' buttons.

**Add Group Match** ✕

Remote Server:

Groups:

OK Cancel

Name:

Type:  Firewall  Fortinet Single Sign-On (FSSO)  Guest  RADIUS Single Sign-On (RSSO)

Members:

Remote groups

Remote Server	Group Name
TOTPRADIUS	Any

OK Cancel

Now create a new Administrator

**FortiGate 200D** admin

Dashboard FortiView Network System Administrators Admin Profiles Settings HA SNMP Replacement Messages FortiGuard Cooperative Security Fabric Advanced Feature Select Certificates Policy & Objects Security Profiles VPN User & Device WiFi & Switch Controller Log & Report Monitor

**Administrators**

Name	Trusted Hosts	Profile	Type	Two-factor Authentication
admin	0.0.0.0/0	super_admin	Local	⊗

Q

Enter a Username

A Backup Password (you can login with this password, when radius server is not reachable)

Set Type to : « Match a user on a remote server group »

Select a Administrator Profile of your flavor

Select the Create Remote User Group

Done.

New Administrator

User Name

Backup Password i

Confirm Password

Comments  0/255

Type

i

Administrator Profile

Remote User Group  +

Security

Two-factor Authentication i

Restrict login to trusted hosts

Restrict admin to guest account provisioning only

Now you can Login with Username and 6-Digit TOTP-Token.