

FortiAuthenticator™

User Identity Management Appliance

FortiAuthenticator user identity management appliances strengthen enterprise security by simplifying and centralizing the management and storage of user identity information used for authentication. Designed as a central repository for user validation information, FortiAuthenticator enables multiple authentication technologies for controlling user access including two-factor authentication, identity verification and network access control.

FortiAuthenticator is available in a range of hardware appliances and in a VM format with stackable user licensing delivering the greatest flexibility possible.

Stronger Security with Two-factor Authentication

FortiAuthenticator extends two-factor authentication capability to multiple FortiGate appliances and to third party solutions that support RADIUS or LDAP authentication. User identity information from FortiAuthenticator combined with authentication information from FortiToken ensures that only authorized individuals are granted access to your organization's sensitive information. This additional layer of security greatly reduces the possibility of data leaks while helping companies meet audit requirements associated with government and business privacy regulations.

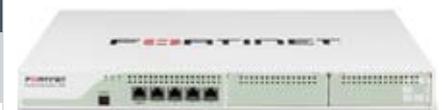
FortiAuthenticator supports the widest range of tokens possible to suit your user requirements. With the physical Fortitoken-200, e-mail and SMS tokens, FortiAuthenticator has a token options for all users. Two-factor authentication can be used to control access to applications such as FortiGate management, SSL and IPSEC VPN, Wireless Captive Portal login, third party networking equipment and web sites.



FortiAuthenticator Features

- Strengthens enterprise security by simplifying and centralizing the management of user identity information
- Extends the scope of and enhances existing FortiToken deployments
- Increases confidence in user identity with Two-factor Authentication
- Supports a wide range of third-party solutions via RADIUS and LDAP integration
- Enables FortiGate identity-based policies through integration with Active Directory
- Provides users with transparent network authentication via Fortinet Single Sign-On
- Certificate Authority enables the signing, issuing and revoking of x.509 user certificates as a two-factor alternative

Feature	Benefit
RADIUS and LDAP User Authentication	Local Authentication database with RADIUS and LDAP interfaces centralises user management.
Wide Range of Strong Authentication Methods	Strong authentication provided by FortiAuthenticator via hardware tokens, e-mail, SMS, e-mail and digital certificates help to enhance password security and mitigate the risk of insecure passwords, something the user knows, with the need for a second factor based on something the user has i.e. a token or certificate.
Simplified User Management	FortiAuthenticator support user self registration and self password reset to minimise the impact on the user support requirements.
Integration with External LDAP Directories	Integration with existing directory simplifies deployment, speeds up installation times and reutilizes existing development.
Certificate Management	Simplified management of digital certificates allows for mutual authentication.
802.1X Authentication	Deliver enterprise port access control to validate users connection to the LAN and Wireless LAN to prevent unauthorised access to the network.
On-board Fortinet Single Sign-On	Removes the need for installation of the Fortinet Single Sign-On software on a dedicated server. Allows integration with RADIUS Accounting for carrier logins to trigger FSSO logins.



FortiAuthenticator-400C



FortiAuthenticator-1000C



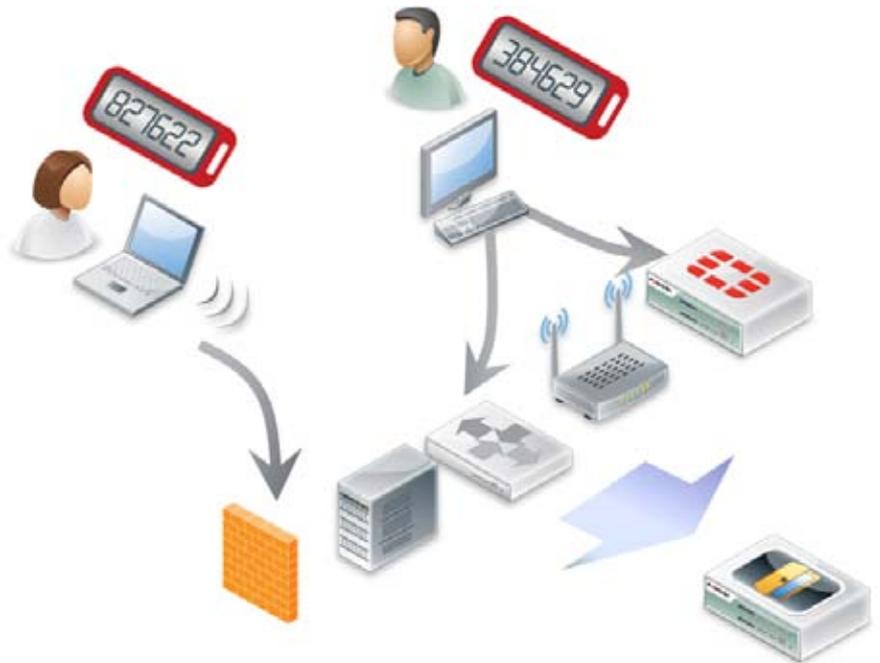
FortiAuthenticator-3000B



FortiAuthenticator Virtual Appliance

Simpler Management and User Experience

By providing all services and storage of user identity information on a single device, the FortiAuthenticator appliance significantly lowers the cost of delivering secure user authentication. The FortiAuthenticator system can be deployed in minutes rather than hours and has been designed to simplify all steps of the user authentication life cycle; from integration with existing authentication databases to zero impact token initialization. Users can recover their own credentials through a self-service portal by answering pre-agreed questions and providing a token PIN, further reducing administrative burden. The FortiAuthenticator also allows users to self register their details such as e-mail address, phone number, mobile number and security questions for password recovery. This enables FortiAuthenticator be used as a self-registration portal for wireless and guest networks or by a receptionist in a visitor environment.



IEEE802.1X Port Access Control

The FortiAuthenticator supports, EAP-MD5, EAP-TTLS, EAP-GTC and PEAP protocols for authentication via 802.1X for Port Based Network Access Control. This can be used by third party switches and wireless to authenticates devices (and their users) before allowing them onto the corporate network. FortiAuthenticator also supports fallback to MAC based authentication for non-interactive devices such as printers.

FortiAuthenticator Certificate Authority

As well as providing secure authentication via RADIUS enhanced with time based tokens, the FortiAuthenticator supports certificate based two-factor authentication. Acting as a root or intermediary CA, the FortiAuthenticator eases the typically painful process of signing, issuing and revoking client certificates for use in FortiGate VPN deployments. With multiple authentication methods which can be deployed to suit the requirement of your organization and users, FortiAuthenticator is the ideal Authentication Server solution.

Fortinet Single Sign On (FSSO)

Fortinet Single Sign On (FSSO) improves the user experience by reducing the number of required user logins. FSSO Integration with Active Directory enables the creation of FortiGate Identity Based Policies to grant users access to the network and internet based on their AD group membership. FSSO has been extended on FortiAuthenticator with a login/out event interface which can monitor Carrier RADIUS Accounting Start records and create an equivalent login/out via the FSSO protocol.

Other extensions include a login portal to trigger a manual FSSO login event and a set of widgets which can be embedded in a users intranet homepage to notify them if they are logged in and log in if not. This method can track the user and automatically log them in, tracking IP address changes in the process.

Technical Specifications	FAC-VM Base	FAC-VM-100-UG	FAC-VM-1000-UG	FAC-VM-10000-UG	FAC-VM-100000-UG
System Performance					
Local Users	100	+100	+1,000	+10,000	+100,000
Remote Users	100	+100	+1,000	+10,000	+100,000
FortiTokens	200	+200	+2,000	+20,000	+200,000
NAS Devices	10	+10	+100	+1,000	+10,000
User Groups	10	+10	+100	+1,000	+10,000
CA Certificates	5	+5	+50	+500	+500
User Certificates	100	+100	+1,000	+10,000	+100,000
Virtual Machine					
Hypervisors Supported	VMware ESXi / ESX 3.5 / 4.0 / 4.1 / 5.0				
Virtual Machine Form Factor	Open Virtualization Format (OVF)				
Max Virtual CPUs Supported	Unlimited				
Virtual NICs Required (Min/Max)	1/4				
Virtual Machine Storage Required (Min/Max)	60 GB / 2 TB				
Virtual Machine Memory Required (Min/Max)	512 MB / 4,096 MB				
High Availability	Yes				

Technical Specifications	FortiAuthenticator-400C	FortiAuthenticator-1000C	FortiAuthenticator-3000B
Hardware			
10/100/1000 Interfaces (Copper, RJ-45)	4	4	4
Local Storage	1 x 1 TB Hard Disk Drive	1 x 1 TB Hard Disk Drive	1 x 1 TB Hard Disk Drive
Power Supply	Single 480W Auto Ranging (100V-240V)		
System Performance			
Local Users	2,000	10,000	20,000
Remote Users	2,000	10,000	20,000
FortiTokens	2,000	10,000	20,000
NAS Devices	200	1,000	2,000
User Groups	50	500	2,000
CA Certificates	10	50	250
User Certificates	500	2,000	200,000
Dimensions			
Height	1.70 in (44 mm)	1.69 in (43 mm)	3.50 in (89 mm)
Width	17.10 in (435 mm)	17.09 in (434 mm)	17.5 in (445 mm)
Length	14.3 in (364 mm)	24.69 in (627 mm)	27.5 in (698 mm)
Weight	23 lb (10.43 kg)	24.2 lb (11.0 kg)	55.3 lb (25.1 kg)
Environment			
Form Factor	Rack Mountable (1RU)	Rack Mountable (1RU)	Rack Mountable (2RU)
Power Source	100 - 240 VAC, 50-60 Hz		
Current (Max)	4.00A /110V, 2.00A /220V	3.50A /110V, 1.75A /220V	9.4A /110V, 4.7A /220V
Power Consumption (Avg)	181 W	189 W	317 W
Heat Dissipation	620 BTU/h	644 BTU/h	1082 BTU/h
Operating Temperature	32 – 104 deg F (0 – 40 deg C)	50 – 95 deg F (10 – 35 deg C)	
Storage Temperature	-13 – 158 deg F (-25 – 70 deg C)	-40 – 149 deg F (-40 – 65 deg C)	
Humidity	Humidity 10 to 90% non-condensing	Humidity 20 to 80% non-condensing	
System			
Standards Supported	10/100/1000 Base-TX (GbE), 1000, IP, Telnet, HTTP 1.0/1.1, SSL, RS232, NTP Client (RFC1305), RADIUS (RFC2865), LDAP (RFC4510), x.509 (RFC5280), Certificate Revocation (RFC3280), PKCS#12 Certificate Import, PKCS#10 CSR Import (RFC2986), Online Certificate Status Protocol (RFC 2560)		
Management	CLI, Direct Console DB9 CLI, HTTPS		
Compliance			
Regulatory Compliance	IEC 60950-1, CSA 60950-1, EN 60950-1, ICES-003, EN 55024, CISPR 22, AS/NZS 3548, FCC, 47FR part 15 Class A, VCCI-A		
Safety Compliance	CSA, C/US, CE, UL		

Ordering Information	
Product Description	SKU
FortiAuthenticator-400C, 4 10/100/1000 ports, 2 USB ports, 1 TB HDD storage	FAC-400C
FortiAuthenticator-1000C, 4 10/100/1000 ports, 2 USB ports, 1 TB HDD storage	FAC-1000C-E07S
FortiAuthenticator-3000B, 4 10/100/1000 ports, 1 x 1TB HDD	FAC-3000B-EMS01
Base FortiAuthenticator-VM with 100 user license. Unlimited vCPU	FAC-VM-Base
FortiAuthenticator-VM with 100 user license upgrade.	FAC-VM-100-UG
FortiAuthenticator-VM with 1000 user license upgrade	FAC-VM-1000-UG
FortiAuthenticator-VM with 10,000 user license upgrade	FAC-VM-10000-UG
FortiAuthenticator-VM with 100,000 user license upgrade	FAC-VM-100000-UG
1 Year 24x7 FortiCare Contract (1 - 500 USERS)	FC1-10-OACVM-248-02-12
1 Year 24x7 FortiCare Contract (1 - 1,100 USERS)	FC2-10-OACVM-248-02-12
1 Year 24x7 FortiCare Contract (1 - 5,100 USERS)	FC3-10-OACVM-248-02-12
1 Year 24x7 FortiCare Contract (1 - 10,100 USERS)	FC4-10-OACVM-248-02-12
1 Year 24x7 FortiCare Contract (1 - 50,100 USERS)	FC5-10-OACVM-248-02-12
1 Year 24x7 FortiCare Contract (1 - 100,100 USERS)	FC6-10-OACVM-248-02-12

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