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## Advanced Settings

<https://campus.barracuda.com/doc/93199133/>

The Firewall Policy Manager **Advanced** tab lets users with administrative permissions configure authentication settings and manage user groups. From here, you can also link a database for assets that should be applied to your firewall rules, configure Intrusion Prevention System (IPS) policies, and set filters for different firewalls. A **Backup** section allows the definition of an SMB server from where the Firewall Policy Manager configuration can be backed up. To access the **Advanced** page, click the **Advanced** tab. Use the link menu on the left of the **Advanced** page to access the following settings:

### User Groups

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The **User Groups** page lets administrators manage user groups and permissions. For more information, see: [Get Started](#).

### Asset Management

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The **Asset Management** page allows configuration of an external MSSQL database from where asset data can be applied to firewall rules. For more information, see: [Get Started](#).

### IPS Policies

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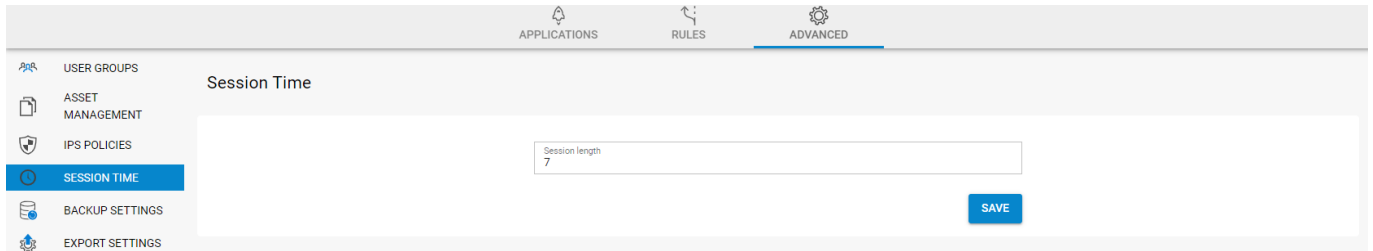
The **IPS Policies** page allows the definition of Intrusion Prevention System (IPS) policies that can be applied to firewall rules. For more information, see: [Get Started](#).

### Session Time

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The **Session Time** page allows configuration of Firewall Policy Manager session length and idle time in minutes.

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## Backup Settings

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The **Backup Settings** page allows specification of an SMB path to a backup server and provides backup functionalities. From here, you can back up the configuration of the Firewall Policy Manager.

## Export Settings

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The **Export Settings** page allows export of dedicated configuration entities to an external destination.

## LDAP Settings

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The **LDAP Settings** page allows configuration of authentication and MSAD user filtering criteria. For more information, see: [Get Started](#).

## Firewall Filters

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On the **Firewall Filters** page, you can create filters for different firewall models.

APPLICATIONS    RULES    **ADVANCED**

- USER GROUPS
- ASSET MANAGEMENT
- IPS POLICIES
- SESSION TIME
- BACKUP SETTINGS
- EXPORT SETTINGS
- LDAP SETTINGS
- FIREWALL FILTERS
- HISTORY
- LDAP DEBUG

### Firewall Filters

**Default** + ADD NEW FILTER

Manufacturer	Hardware	Title	Actions
Barracuda%			✕ ✎

**3rd Party** + ADD NEW FILTER

Manufacturer	Hardware	Title	Actions
<input type="text" value="Example Company"/>	<input type="text" value="F113"/>	<input type="text" value="NetProtect"/>	✎
Switch%			✕ ✎

## History

The **History** page provides a history view of the configuration history view of the Firewall Policy Manager configuration.

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### History

Action	Field	Modified By	Modified At ↓	New Value	Old Value
updated	asset_management.port	usr5	2020-09-29 08:37:54 UTC	80	1433
created	firewall_filter.3rd_party	usr5	2020-09-29 08:27:26 UTC	("Hersteller";"Switch%")	
created		usr5	2020-09-29 08:27:09 UTC	All On	
created		usr5	2020-09-29 08:27:03 UTC	Wannacry	
updated	asset_management.password	usr5	2020-09-29 08:19:40 UTC	*****	*****
created	asset_management.name	usr5	2020-09-29 08:19:11 UTC	Asset	

## LDAP Debug

The **LDAP Debug** page provides detailed information on Firewall Policy Manager debug logs.

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### LDAP Debug

Connection Details From Box

adminDn:	administrator@my.ad.int
adminPwd:	Demo-123
serverPort:	389
serverName:	10.17.241.31
baseDn:	DC=my,DC=ad,DC=int
groupNameAttribute:	samaccountname
groupFilter:	objectCategory=CN=Group,CN=Schema,CN=Configuration,DC=my,DC=ad,DC=int

Ldap Settings From Db

UserFilter:	objectCategory=Person
UserNameAttribute:	samaccountname
GroupMembershipAttribute:	dn
UserFilterGroupPartAttribute:	memberOf
LoginBindUserNameFormat:	%s@my.ad.int
UserBaseDn:	DC=my,DC=ad,DC=int
PageSize:	500
UserEmailAttribute:	email

Group Definitions From Ldap

Administrators:	CN=Administrators,CN=Builtin,DC=my,DC=ad,DC=int
Users:	CN=Users,CN=Builtin,DC=my,DC=ad,DC=int

## Figures

1. fpm\_adv\_session.png
2. fpm\_adv\_filters.png
3. fpm\_adv\_history.png
4. fpm\_adv\_debug.png

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