

## Settings for computer account

The computer account is a built in account, like BYOD or MAC user. Once setup it won't be available so you won't see it in this screen, but it would be here under add access user.

The User name is whatever you type in – I used Computer. When you check the computer user box the account name & password fields go away

Assign an access service. Might want to create these first.

User > All Access Users > Add Access User

Access account

### Access Information

User Name \*

Account Name \*

Trial Account  Default BYOD User  MAC Authentication User  Fast Access User  Computer User

Password \*  Confirm Password \*

Allow User to Change Password  Enable Password Strategy  Modify Password at Next Login

Inspiration Time   Expiration Time

Max. Idle Time(Minutes)

Max. Concurrent Logins

Max. Transparent Portal Bindings

Login Message

### Access Service

	Service Name	Service Suffix	Status	Allocate IP
<input type="checkbox"/>	Access_Forbidden_svc		Available	
<input type="checkbox"/>	Access_Only_PEAP_svc		Available	
<input checked="" type="checkbox"/>	Computer_PEAP_acc_svc		Available	

Specify a user group if desired. Here is what computer user looks like

User > All Access Users > Computers > Access Account Info

### Access Account Info

#### Basic Information

User Name	Computer	ID Number	Computer
Contact Address		Telephone	
Email	support@foga.com	User Group	Computers

#### Access Information

Account Name	computer [Computer User]	Account Status	Normal
Creation Date	2014-08-29	Expiration Time	
Inspiration Time		Max. Concurrent Logins	
Max. Idle Time(Minutes)			
Availability	Online		
Last Logoff	2014-11-23 01:29		
Login Message			

#### Access Service

Service Name	Service Suffix	Allocate IP
Computer_PEAP_acc_svc		

#### Transparent Authentication MAC Address Binding

Service Name	MAC Address	Transparent Authentication	Enabled/Disabled Time
No match found.			

#### Access Device Binding Information

Device SN		Port	
Outer VLAN ID		User SSID	
VLAN ID/Inner VLAN ID			
Device IP			

#### Terminal Binding Information

Computer Name		IMSI	
Windows Domain		Terminal MAC Address	
Terminal IP Address			

Set up access service and policy. I use scenarios to assign specific vlans. With this computers can access network for authenticating new users, even over WIFI

User > User Access Policy > Access Service > Access Service Details

Access Service Details

Basic Information

Service Name	Computer_PEAP_acc_svc	Service Suffix	
Service Group	Ungrouped	Default Access Policy	Access Forbidden
Default Proprietary Attribute Assignment Policy	Do not use	Default Max. Number of Online Endpoints	500
Default Max. Number of Bound Endpoints	500		
Description	workstations login, will deploy VLAN 100 for devices on admin access switch group, otherwise WIFI/wired to 35/30		
<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Transparent Authentication on Portal Endpoints		

Access Scenario List

Access Scenario Name	Access Policy	Proprietary Attribute Assignment Policy
Admin_access	VID100_PEAP_acc_pol	Do not use
IMC-WIFI	VID35_PEAP_acc_pol	Do not use
By_period	VID30_PEAP_acc_pol	Do not use

IMPORTANT - In policy set Certificate type to EAP-PEAP & sub type MSCHAPv2 if you want to use User and computer credentials in 802.1x setting as I specify in earlier document.

If you pick EAP-TLS then it expects the computer certificate to be set instead.

These settings work with both user and machine. But you must also install Domain virtual computer

User > User Access Policy > Access Policy > Access Policy Details

Basic Information

Access Policy Name	VID30_PEAP_acc_pol
Service Group	Ungrouped
Description	works with 802.1x user & machine auth

Authorization Information

Access Period	No Limit	Allocate IP	No
Downstream Rate(Kbps)		Upstream Rate(Kbps)	
Priority		<input type="checkbox"/> RSA Authentication	
Certificate Authentication	EAP	Certificate Sub-Type	MS-CHAPV2 AuthN
Certificate Type	EAP-PEAP AuthN		
Deploy VLAN	30		
<input type="checkbox"/> Deploy User Profile			
Deploy User Group			
<input type="checkbox"/> Deploy ACL			

Authentication Binding Information

## Setup Domain Controller-Assisted PEAP Authentication

User > User Access Policy > Service Parameters > System Settings Add to My Favorites

System Settings

Name	Description	Configuration
System Parameters	Configure the common service-related system parameters.	⊙
Policy Server Parameters	Configure parameters for the policy server and security management.	⊙
User Endpoint Settings	Configure User Endpoint parameters.	⊙
Endpoint Aging Time	Configure Endpoint Aging Time parameters.	⊙
UAM System Operation Log Parameters	Configure the parameters related to the system running environment.	⊙
Password Strategy	Configure the password strategy.	⊙
Roaming Configuration	Configure roaming service information such as the domain.	⊙
Auto-Cancel Accounts Tasks	Enable the system to automatically cancel inactive accounts.	⊙
Domain Controller-Assisted PEAP Authentication	Configure the parameters to be used when iMC uses a domain controller to perform PEAP authentication.	⊙
Wireless Positioning Parameter Configuration	Configure wireless positioning-related parameters.	⊙
Authentication Notify Parameters	Configure parameters for the authentication notification.	⊙
Client Anti-Crack	Configure iNode Management Center	⊙

First create a computer object in AD. Specify Domain controller, Computer name, and Password. Use script link at bottom to set the password in IMC.

**CRITICAL** – no what version of Windows you are actually using set to 2003 or earlier.

User > User Access Policy > Service Parameters > System Settings > Domain Controller-Assisted PEAP Authentication

Domain Controller-Assisted PEAP Authentication

Fully Qualified Domain Controller Name *	<input type="text" value="dc11.foga.net"/>	?
Virtual Computer Name *	<input type="text" value="IMC-VIRTUAL"/>	?
Virtual Computer Password *	<input type="password" value="....."/>	?
Confirm Virtual Computer Password *	<input type="password" value="....."/>	?
Domain Controller Address *	<input type="text" value="10.10.5.11"/>	?
Log Level	<input type="text" value="Warning"/>	▼
Local Server Port *	<input type="text" value="9812"/>	?
Domain Controller OS Version	<input type="text" value="Windows 2003 or earlier"/>	▼

The script to modify the computer password <http://hpimc/peapPasswordScript?fileName=ModifyComputerAccountPass.vbs>

Toggle port and you will see authenticated computers, but all share computer user account & user name

User > Online Users ★ Add to My Favorites ⓘ

Local | Roaming | By Device

Query Online Users Advanced Query

Account Name  User Group  Query Reset

Send Message | Kick Out | Clear Online Info | Customize GUI | Refresh

<input type="checkbox"/>	Account Name ↕	Login Name ↕	User Name ↕	Service Name	Device IP ↕	Port ↕	Deployed VLAN ↕	User IP Address ↕	Login Time ↕	Online Duration ↕
<input type="checkbox"/>	computer	WS404X64	Computer	Computer_PEAP_acc_svc	10.10.100.141	4	100	10.10.30.175	2014-11-23 10:18:40	1Hr4Min49Sec
<input type="checkbox"/>	computer	WS731	Computer	Computer_PEAP_acc_svc	10.10.100.136	6	100	10.10.100.166	2014-11-23 10:16:44	1Hr7Min45Sec
<input type="checkbox"/>	computer	WS228X64	Computer	Computer_PEAP_acc_svc	10.10.100.151	1	30	10.10.30.24	2014-11-23 08:41:53	2Hr39Min10Sec
<input type="checkbox"/>	computer	WS706X64	Computer	Computer_PEAP_acc_svc	10.10.100.77	29	30	10.10.30.169	2014-11-22 21:24:03	13Hr56Min56Sec
<input type="checkbox"/>	computer	WS503X64	Computer	Computer_PEAP_acc_svc	10.10.100.133	44	30	10.10.30.153	2014-11-22 18:10:23	17Hr12Min0Sec
<input type="checkbox"/>	computer	WS303X64	Computer	Computer_PEAP_acc_svc	10.10.100.134	13	30	10.10.30.97	2014-11-22 17:29:29	17Hr53Min59Sec
<input type="checkbox"/>	computer	WS752	Computer	Computer_PEAP_acc_svc	10.10.100.10	13	30	10.10.30.131	2014-11-22 16:29:26	18Hr54Min1Sec