

# **ATLANT WITH POLICY MANAGER**

作成日:2021年5月12日

## ATLANTとは-1

Atlantは悪意あるファイルをスキャンする為のシステム構築用プラットフォームです。製品設定及 びファイルスキャンはREST API経由で提供されます。また、ウィルスやその他の有害なファイル、 エクスプロイト、ネットワークベースの攻撃及びその他のセキュリティ脅威からエンドポイントや ネットワークを保護するため、ICAPプロトコル要求に基づいたスキャンサービスを提供します。





## ATLANTとは-2

Atlantは仮想環境でのスキャニングプラットフォームとしてご利用いただけます。F-Secureエンドポイント製品 からのオフロードスキャンリクエストをAtlantにICAP経由で集約し、クライアント側にスキャン結果を提供しま す。エンドポイントでのスキャン負荷(CPU/メモリ/etc)が軽減されます。F-Secure Scanning and Reputation Server 12.20.5 virtual appliance(仮想スキャンーバ)の後継として導入いただけます。クライアント側(Client Security / Server Security)は現行のエンドポイント製品(EOL前製品)のオフロードスキャン機能を使用します。





## ATLANT の管理

- Atlantは直接クラウドへの接続を行いますが、複数台のAtlantサーバーを管理したい場合は、Policy Managerを 使用します。 @複数台のAtlantを1台のPolicyManagerで管理
- Atlantが直接外部のインターネット環境に接続できない場合、Policy Managerを使用してパターンファイルダウンロード等の中継を行います。@Atlantを隔離ネットワーク環境で運用



### ATLANTの管理 @複数台のATLANTを1台のPOLICYMANAGERで管理





## **ATLANT**の管理 **@ATLANT**を隔離ネットワーク環境で運用



 ✓ Atlantへの設定はPolicyManagerからポリシー配 信を行うことで設定することができます。

- ✓ AtlantはDMZ環境にあるPolicyManagerからパ ターンファイル更新を行います。
- ✓ PolicyManagerはAtlantからHTTP/HTTPSの通信を 受け付けられるようにする必要があります。
- ✓ Atlantは直接インターネットへ接続できないため、ORSPの機能は利用できません。



## POLICYMANAGER (15.10)の管理画面-1

✓ スキャンレビュテーションサーバーとして利用する場合、「Root」ドメインを選択し下記設定を 有効、及びAtlantのIPアドレスを指定してポリシーを配布する必要があります。

🔹 Applications Places F-Sec	cure Policy Manager Console	en Fri 13:24 👫 🐠 🖒	
	F-Secure Policy Manager Console	_ = ×	
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			▶ Atlantホストのアドレスを設定
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			y るノドレハを通知しよ y。
			設定の詳細は下記URLを参照してください。
			https://help.f-
	Specifies the primary F-Secure Scanning and Reputation Server(s) that are used for remote content inspection and reputation services.		secure.com/product.html#business/atlant/latest/en/task_94
			6E84598264D58957A27FE19B5664D-latest-en
F-Secure Policy Manager C	onsole		
			E-Socuro T

# POLICYMANAGER (15.10)の管理画面-2

✓下記の設定について、Policy Manager Consoleから設定を変更することができます。

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8			F-Secure 荣

# ATLANT側の設定

✓ Policy Managerから変更できる設定は、#/opt/f-secure/atlant/atlant/bin/atlantctlgetコマンドで表示される下記の設定に該当します。(\*これらの設定はfsanalyzeコマンドでのスキャン設定に該当するものではございません。)

},	
"scanning": {	
"archive_max_nested": 5,	────── スキャンを行うアーカイブファイルの階層レベル
•	
•	
•	
},	
"https_endpoints": [],	
"icap_endpoints": [	
{	
"address": "0.0.0.0" <i>,</i>	───── 接続元アドレス
"port": 1344 ————	────────────────────────────────────
}	
],	
"keepalive_time": 600,	──── クライアントとの接続時間
"max_scan_time": 90,	→ 最大スキャン時間
"reputation": {	
"file_check": true <del>,</del>	──────────── ファイルレピュテーション設定のON/OFF
"timeout": 5,	── レピュテーションリクエストのタイムアウト時間
"url_check": true	→ URLレピュテーション設定のON/OFF
}	
},	



# インストレーションガイド-1



インストールの流れ

Policy Manager Server上にインストールパッケージ作成用のJarファイルをダウンロードします。
 \*\*Jarファイルは下記URLからダウンロードすることができます。

https://www.f-secure.com/jp-ja/business/downloads/atlant

※Policy Manager Ver15.00以降で運用する必要があります。

- ダウンロードしたJarファイルをPolicy Manager Consoleからインポートして、手順に従いインストールパッケージを作成します
- Policy Manager上で作成したインストールパッケージを、Atlantをインストールするサーバー上へ 持っていきインストールします。



# POLICY MANAGERでのインストールパッケージ作成-1

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	Autodiscover Windows hosts Automatically discover Windows domains and hos	sts and push install software.		
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- Toolメニューの[Installation packages...]を開きます。
- 2. [Import]をクリックしてダウンロードした Jarファイル(fsatlant-x.x.xx.jar)を指定して インポートします。
- 3. Package nameの一覧にインポートした上記 Jarファイルが表示されるので、それを選 択して[Export]をクリックします。
- 4. Atlantインストールパッケージのエクス ポート先のパスを指定します。



# POLICY MANAGERでのインストールパッケージ作成-2

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- 5. ウィザードが開くので[Next]を押下します。
- 6. キーコードを入力して[Next]を押下します。
- 7. ポリシーマネージャサーバーのIPアドレス、 HTTP/HTTPSの待ち受けポート番号を入力 して[Finish]を押下します。
- 8. 前頁4.で指定した場所にインストーラが作 成されます。

(ファイル名:fsatlant-x.x.xx-exported.zip)



## ATLATNのインストール (CENTOS7へのインストール例)

Applications	Places	Terminal	en	Wed 14:22	Δ. •0	Ċ
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2º 🛅 root@a	p-192-168-	Created symLink from /etc/system/system/ulti-user.target.wants/fbg.atlant-pmd.service to /usr/Libsystemd/system/fbg.atlant-pmd.service. Created symLink from /etc/systemd/system/ulti-user.target.wants/fbg.atlant-statud.service to /usr/Libsystemd/system/fbs.service. Created symLink from /etc/systemd/system/multi-user.target.wants/f-secure-atlant-atlantpmd.service to /usr/Lib/systemd/system/f-secure-atlant-atlantpmd Service. The F-Secure License agreement is stored in: /Opt/f-secure/atlant/atlant/doc/LICENSE [rootlg::piszl:f-secure/atlant]	s			

- 1. Atlantをインストールするサーバーにパッ ケージ(fuse-libs, libcurl,python)がインス トールされているか確認します。
- ポリシーマネージャサーバー上で作成し たインストーラー(fsatlant-x.x.xxexported.zip)をAtlantをインストールする サーバー上の任意のディレクトリにコ ピーします。
- 3. Zipファイルを展開し、f-secure-atlantinstallerに実行権限を付与します。
- 4. root権限でインストールコマンドを実行し てインストールします。
- コマンド実行例:#./f-secure-atlant-installer



POLICY MANAGER へ のインポート

uons Pláces Im		F-Serure Policy	Manager Console	
it ⊻iew <u>T</u> ools	Help			admin @ https://localhost.80
	36 <b>88 8 8869</b>			
taide the domain tree	Dashboard Settings Status Software updates	Alerts Scanning reports Installation	Active Directory Operations Data mining	
	Root > Installation			
tree	Installation Fingert new hosts		×	
Root	Create rules for automatic host import or imp	Import rules		
	Import and export installation packages. This page shows the press Import.	e list of new hosts that have connected to this Polic	Manager Server. Select the hosts to import, the target domain, and	
	Autodiscover Windows hosts Display name + Automatically discover Windows domains and p15216	Date/time         WINS name         DNS names         IP a           4/28/21, 2         ip-192-168-7         192.1	Idresses Platform Container Distinguished Name 58.72.132 CentOS Li	
	Installed products summary			
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- インストール完了後、ポリシーマネー ジャーコンソールの[Pending]にホスト情報 が確認できます。
- 2. 新しいホストを選択して[Import]を押下す ることでRootドメイン配下にAtlant端末が 追加されます。



# インストレーションガイド-2

Atlant VAの場合



## インストールの流れ

Policy Manager Server上にインストールパッケージ作成用のJarファイルをダウンロードします。
 ※Jarファイルは下記URLからダウンロードすることができます。

https://www.f-secure.com/jp-ja/business/downloads/atlant

※Policy Manager Ver15.00以降で運用する必要があります。

- ダウンロードしたJarファイルをPolicy Manager Consoleからインポートして、手順に従いインストールパッケージを作成します。
- .ovaファイルをダウンロードし仮想化環境上にデプロイします。

※.ovaファイルは下記URLからダウンロードすることができます。

https://www.f-secure.com/jp-ja/business/downloads/atlant

• Atlant VAの初期セットアップの中で、上記で作成したインストーラーをscpコマンドにてAtlant VA 上へコピーを行いインストールを実行する。



ATLANT VAのインストール(1)

 Policy Managerでのインストーラーの作成手順については、前項「インストレーションガイド-1」 をご参照ください。

	F-Secure Atlant Virtual Appliance 1.0.13 Installation	
	Choose the keymap group from the list	
	1. Belgian (be-latin1) Dutch 2. Estonian Italian 3. Japanese Russian 4. Serbian Ukrainian 5. United Kingdom United States	
Ð	nter a menu number: 5	
J	Choose the keymap group from the list (United Kingdom United States)	
	1. United Kingdom 2. United States	
	0. Go back	
Ð	nter a menu number [0]: 2 <	
j	United States keymaps	
	1. U.S. International 2. U.S. English	
	0. Go back	
Ð	nter a menu number [0]: 2	
S	et the keymap to us? y/n [n]: y	

- ダウンロードした.ovaファイル (atlantva-x.x.xx-vmware.ova) を仮想環境上にイ ンポートします。
- 2. インポートした仮想イメージを起動する と初期セットアップが開始します。
- ▶3. 環境に合わせてキーボードを設定します。

※左図はキーボードをU.S.Englishに設定した 場合の例になります。



ATLANT VAのインストール2

### The keymap us was set successfully

### Choose the timezone group from the list

- 1. Africa .. Australia
- 2. Europe .. UTC

Enter a menu number: 1

#### Choose the timezone group from the list (Africa .. Australia)

			~			
1		Ĥ	н	r	11	

- America/Adak .. Iqaluit
   America/Jamaica .. Yellowknife
- 4. Antarctica
- 5. Arctic
- 6. Asia/Aden .. Krasnoyarsk
- 7. Asia/Kuala\_Lumpur .. Yerevan
- 8. Atlantic
- 9. Australia
- 51 110001 01
- 0. Go back

Enter a menu number [0]: 7

### Asia/Kuala\_Lumpur .. Yerevan

1.	Kuala_Lumpur Nicosia
2.	Novokuznetsk Qostana
3.	Qyzylorda Taipei
4.	Tashkent Ust-Nera
5.	Vientiane Yerevan

Ø. Go back

Enter a menu number [0]: 4

Enter a menu number [0]: 7

### Asia/Kuala\_Lumpur .. Yerevan

Kuala_Lumpur Nicosia
Novokuznetsk Qostana
Qyzylorda Taipei
Tashkent Ust-Nera
Vientiane Yerevan

0. Go back

Enter a menu number [0]: 4

### Asia/Kuala\_Lumpur .. Yerevan (Tashkent .. Ust-Nera)

1.	Tashkent
2.	Tbilisi
3.	Tehran
4.	Thimphu
5.	Tokyo
6.	Tomsk
7.	Ulaanbaatar
8.	Urumqi
9.	Ust-Nera
0.	Go back
nter a	u menu number [0]: 5
et the	e timezone to Asia/Tokyo? y/n [v]
imezor	ne Asia/Tokyo set successfyrily
Changir Iew pas Setume	ng password for user admin. ssword:

.4. タイムゾーンを任意の地域に設定し ます。

※左図はタイムゾーンをTokyoに設定した例になります。

## ∕5. 管理者パスワードを設定します。



ATLANT VAのインストール(3)





ATLANT VAのインストール(4)



- PolicyManager側でscpコマンドを実行し、atlantのインストーラをコピーします。
- 10. パスワードは先ほど「5.」で設定し た管理者パスワードを入力します。

※インストールパッケージの作成手順については、本ドキュメントの 「インストレーションガイド-1」を参照してください。



ATLANT VAのインストール(5)

1. Policy Manager 2. Standalone

Enter a menu number: 1 You need to upload the exported zip bundle to the appliance. The bundle file will be used to activate the product and will be deleted by the installer. Please upload the exported zip bundle using the command:

scp <path-to-zip-bundle> admin@192.168.72.147:/tmp/atlant-exported.zip

Press Ctrl-C to cancel.

Press enter when the archive is uploaded...

Found the file! Verifying... Preparing... Updating / installing... f-secure-atlant-1.0.20-1

Installing F-Secure Atlant into namespace (atlant)... Installing F-Secure BaseGuard...

Created symlink /etc/systemd/system/multi-user.target.wants/fsbg-atlant-pmd.service → /usr/lib/syste md/system/fsbg-atlant-pmd.service.

Created symlink /etc/systemd/system/multi-user.target.wants/fsbg-atlant-statusd.service + /usr/lib/s ystemd/system/fsbg-atlant-statusd.service.

Created symlink /etc/systemd/system/multi-user.target.wants/f-secure-atlant-atlant-atlantpmd.service + /usr/lib/systemd/system/f-secure-atlant-atlant-atlantpmd.service.

The F-Secure license agreement is stored in: /opt/f-secure/atlant/atlant/doc/LICENSE

Weekly OS update check with possible reboot scheduled for Sunday at 04:06.

Installation completed! Press enter to finish the installation...\_ -11. インストーラーのコピー完了後、 Atlant VEの画面にて「Enter」を押下す るとインストールが行われます。

## 12. 再度「Enter」を押下すると、インス トールが完了します。



# POLICYMANAGERへ端末のインポート

Applications Places Import new his	otis en Mon 1638 👗 🚸 O
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	Сын
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	T n F-Secure Policy Manager Console
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F-Secure Policy Manager Console	Trootfip-192-1497-2137-Obestop
	Read (s)         Read (s)         Status (s)         Computer Internal (s)         Status (s)         Controlling of management
	Ummangel 10 Demander for Centralized management
	3 nut Summary Hests 10 selected
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	Freed
	Software Updater
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	> contralled management
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	Pattom security Replid Detection & Response
	Patform security Repút Detection & Response
	Pattom Acorty Rapid Detection & Response
	Pattom security Replo Detection 6. Response
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	Partom scotty Page 2 Pa
	Partom security Partom security Rapid Detection 6. Response

 PolicyManager Consoleの「New hosts」に 先ほどインストールしたAtlant VAの端 末が表示されるので、選択してイン ポートします。

