REMCS エージェントインストールガイド
for VMware Infrastructure 3

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－ 目次 －

1. はじめに

本書では、以下に示すソフトウェアについて、説明しています。

項番	製品名	機能
1	VMware Infrastructure 3 Foundation, VMware Infrastructure 3 Standard, VMware Infrastructure 3 Enterprise （以降、VMware Infrastructure 3 と記述）	仮想化技術により、オフィス利用からデータセンターに至るまでのPC サーバを最適化し、柔軟な運用を実現するソフトウェアです。『VMware Infrastructure 3』は、仮想化インフラの提供、および運用管理をおこなう機能を装備しており、IT サービスレベルの向上を実現する先進の技術を提供いたします。

なお、本書では、富士通で動作確認済みの**PRIMERGY**を対象とした**REMCS**エージェントのインストールについて、説明しています。

2. REMCSエージェントインストール手順

REMCS エージェントをインストールするための手順について説明します。

2.1 ServerView エージェントのインストール・設定

Service Console 上から ServerView エージェントをインストールします。

ServerView のインストール・設定方法は、ServerView に添付されているインストールガイドおよびユーザーズガイドを参照してください。

2.2 RAID管理ツールのインストール・設定

アレイを構築して使用する場合、RAID 管理ツール(GAM または ServerView RAID)をインストールします。

RAID 管理ツールのインストール・設定は、RAID 管理ツールに添付されているインストールガイドおよびユーザーズガイドを参照してください。

2.3 REMCSエージェントのインストール・設定

SupportDesk のリモート通報機能を利用できるようにするため、Service Console 上から REMCS エージェントをインストールします。

REMCS を使用するためには Service Console に REMCS エージェントの拡張パッケージ（perl-CGI、tcsh）を導入する必要があります。

注）「PRIMERGY スタートアップディスク」は使用できません。

注）「PRIMERGY ドキュメント&ツール CD」は使用できません。

注）インストールしただけでは SupportDesk のリモート通報機能は動作しません。接続作業（サービスの開始作業）が必要です。

1. VMware Infrastructure 3 の Service Console に root でログインします。
2. 以下のコマンドを実行します。ダウンロードしたモジュールを /tmp に展開した場合を例にします。

```
# cd /tmp
# tar xvzf Fxxxxxxx.tar.gz
# cd /tmp/Remcs/Linux/MTEP
# ./install.sh
# cd /tmp/Remcs/Linux
# ./rminstall
```

下記のようなメッセージが表示されましたら、表示内容を確認してください。

checking for server model ...

The detected model is as following.

　　　PRIMERGY xxxxx

Is this right[y/n]?

（「PRIMERGY xxxxx」の部分は、ご使用の装置により異なります。）

表示内容が正しい場合は、【y】キーを押して、【Enter キー】を押してください。

【y】キーを入力した場合、下記の問い合わせは表示されません。

上記のメッセージが表示されなかった場合または、上記のメッセージに対して【n】キーを押した場合、以下のような問い合わせが表示されます。

問い合わせ内容は、ブレードサーバとそれ以外のサーバで異なります。

　[BX620 S2 / BX620 S3 / BX620 S4 の場合]

　インストール途中の以下の問合せには【b】キーを押してください。

　　b: blade server (PRIMERGY BX series)

　　o: other model

　　q: quit

　Select a server model[b,o,q]: **b**

　[BX620 S2 / BX620 S3 / BX620 S4 以外の場合]

　インストール途中の以下の問合せには【o】キーを押してください。

　Select a server model[b,o,q]: **o**

インストール途中の以下の問合せには【Enter】キーを押してください。

!!!!! Press RETURN to start installation. Ctrl-C for aborting !!!!! 【Enter】

インストール完了後、以下のメッセージが出力されます。

Installation finished successfully.

3. リモートサービスボードを搭載している場合、iRMC 搭載機種の場合は以下のコマンドを実行してください。

```
# cd  /tmp/Remcs/Linux/ia32/tool
# ./rsb_watchdog_enable
```

コマンド完了後、以下のメッセージが出力されます。

OS Watchdog Enable setting was completed.
***NOTICE: Software watchdog behavior was changed to 'continue'.

注意
・ rsb_watchdog_enable コマンドでサーバダウン監視を有効にした場合、同時にソフトウェアウォッチドッグ検出時の動作が「継続動作（Continue）」に変更されます。
・ rsb_watchdog_enable コマンドは、以下のパスにもインストールされています。
　　/opt/remcs/tool/watchdog/

4. VMware Infrastructure 3 を再起動します。

```
# shutdown  -r  now
```

以上で REMCS エージェントのインストールは完了です。
接続作業の手順については、REMCS エージェントに添付されている REMCS エージェント運用ガイドの「第 3 章 サービスの開始」を参照してください。
REMCS エージェント V3.2L11B 以降を使用している場合、初期状態ではローカルホストからのみ設定 WEB 画面（REMCS GUI）に接続できるようになっているため、REMCS エージェント運用ガイドの「3.2.7 REMCS GUI 起動ホストの追加」を参照して作業を行う端末から REMCS GUI に接続できるように設定を行ってください。

注）リモート通報機能を利用するときは、以下のコマンドを実行して、REMCS エージェントで使用する Web サーバのポート番号（9641）、Email のポート番号（25）で通信できるように ファイアーウォールを設定します。

```
# esxcfg-firewall  --openPort  9641,tcp,in,"remcs_www"
# esxcfg-firewall  --openPort  9641,tcp,out,"remcs_www"
# esxcfg-firewall  --openPort  25,tcp,out,"smtp"
# esxcfg-firewall  --openPort 162,udp,in,snmptrap
```

POP before SMTP で Email を送信するときは、別途、POP サーバのポート番号（110）を追加設定する必要があります。

```
# esxcfg-firewall  --openPort  110,tcp,out,"pop3"
```

BX620 S2 / BX620 S3 / BX620 S4 の場合は、別途、マネジメントブレードから情報を取得するために、snmp のポート番号（161）を追加設定する必要があります。

```
# esxcfg-firewall  --openPort  161,udp,in,"snmp"
# esxcfg-firewall  --openPort  161,udp,out,"snmp"
```

注）snmptrapd デーモンから SNMP トラップ情報を取得しています。 REMCS エージェント を使用する場合は、snmptrapd デーモンを必ず起動してください。

<snmptrapd デーモン起動確認方法>
```
# /etc/init.d/snmptrapd status
```
・ 起動時の結果例
```
snmptrapd (pid xxxx) is running...
```
・ 停止時の結果例
```
snmptrapd is stopped
```

<snmptrapd デーモン起動方法>
```
# /etc/init.d/snmptrapd start
```

<snmptrapd デーモン自動起動の設定方法>
```
# chkconfig snmptrapd on
```

3．留意事項

VMware 製品を使用する上での留意事項を説明します。

3.1.1 導入・設定

1） 最新ソフトウェアの入手

PC サーバ PRIMERGY（プライマジー）のサイトのダウンロードページ（http://primeserver.fujitsu.com/primergy/downloads/）から最新版ソフトウェアが入手できます。

2） REMCSエージェント

・　REMCS エージェントの接続形態

VMware Infrastructure 3 では、以下の接続形態のみサポートします。

・インターネット接続(メール)

・P-P 接続(ISDN:メール)

・P-P 接続(VPN:メール)

3.1.2 REMCSエージェントのアップグレード

V3.2L11C 以降の REMCS エージェントでは、アップグレードインストールをサポートしています。

アップグレードインストールについては、REMCS エージェント運用ガイドの「2.9 REMCS エージェントのアップデートインストール」を参照してください。

3.1.3 REMCSの運用を終了する

1） REMCSエージェントのアンインストール

REMCS エージェントのアンインストールは、REMCS エージェントに添付されている REMCS エージェント運用ガイドの「5.8 REMCS の運用を終了する場合」を参照してください。

2） REMCSエージェント 拡張パッケージのアンインストール

REMCS エージェント 拡張パッケージ（perl-CGI, tcsh）のアンインストールは以下の手順で行います。

ただし、拡張パッケージをアンインストールすると REMCS エージェントは使用できなくなります。

1. VMware Infrastructure 3 の Service Console に root ユーザでログインします。
2. 以下の操作でパッケージをアンインストールします。

```
# rpm -e perl-CGI
# rpm -e tcsh
```

付録A

管理ツール拡張パッケージは、以下のオープンソース・ソフトウェアを含んでいます。

　・perl-CGI

　・tcsh

上記のソフトウェアに適用されるライセンスは次のとおりです。

A.1　　Perlの使用許諾書

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That's all there is to it!

A.2   tcshの使用許諾書

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 *
 *          @(#)glob.h          8.1 (Berkeley) 6/2/93
 */


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