intel.

Intel® PPM Driver

(Intel PPM Provisioning Package)

Driver Release Notes

Driver Version: PPMDRV-1.0.00000.47

Intel® PPM Driver Release Notes **intel.**

Contents

Revision history

Driver Revision Number	Description
1.0.00000.47	Release of Intel(R) PPM driver for MTL, LNL and ARL Platform (Win10 & Win11 Supports)

Acronyms

Term	Description
PPM	Processor Power Management
IPF	Intel® Platform Innovation Framework
LNL	Lunar Lake Platform
MTL	Meteor Lake Platform
ARL	Arrow Lake Platform

1. Introduction

This document specifies the driver release notes for Intel® PPM Provisioning Package driver, which exposed by IPF driver. This is NULL driver INF package and only purpose is to copy PPM ppkg into Windows Provisioning folder.

1.1   Document Scope

This document was written to guide on Intel® PPM Provisioning Package Driver releases for Windows OS. This document will focus on the Driver package content, driver changes (feature implementations/fixes) and known limitations.

2. Supported Configuration

Target Platforms:

- MTL
- LNL
- ARL

Windows OS:

- SV2 Win11 22H2(x64)
- SV3 Win11 23H2(x64)
- SV4 Win11 24H2(x64)
- Win10 Supported (22H2)

EWDK:

- NA – No driver Binary

PPM ppkg:

- 1007.20241022 – MTL ARL SV4 Win11 24H2(x64)
- 1007.20241021- MTL ARL SV3 Win11 23H2(x64)
- 1000.20241017- MTL ARL Win10 (x64)
- 1000.20241007 - ARL-Win10
- 1000.20240801 - LNL-Win10
- 1006.20240910 - LNL-SV2 Win11 23H2 or 22H2
- 1006.20240905 – LNL Win11 24H2

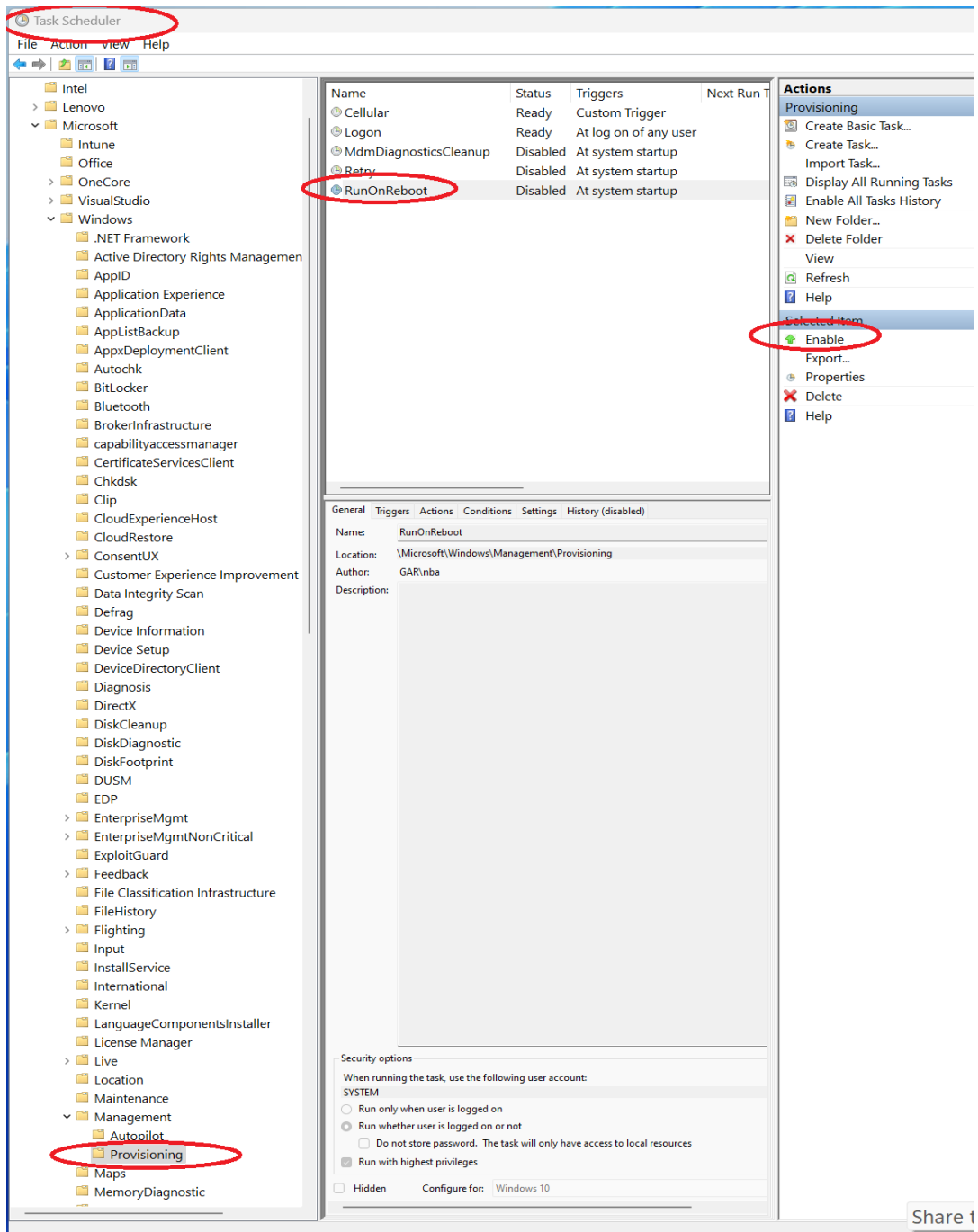## 3.   Feature implementation/Fixes

- NA

4. Known Limitations

- This driver package contains: MSFT Prod signed for Desktop driver build.
- PPM package may not get apply immediately after driver installation and might take around ~60min after system enter idle. Also a reboot recommended after driver installation and please follow BKM described in next sections for how to expedite PPM provisioning after driver installation.

5. BKM for expedite PPM provisioning after Driver installation

You can refer following BKM for applying PPM package immediately after reboot using Windows "Task Scheduler" (In case if you need to verify PPM settings).

- Open the Task Scheduler, select "Provisioning" and then select "RunOnReboot" and then click on "Enable" as show below image.

- Reboot the system

- Though above BKM guaranty PPM package will applied almost immediately after reboot, but if EPO (DTT Driver) load before Provisioning task start execute then still there could be a mismatch and hence it is recommended to do one more reboot before verify PPM settings.

6. HW Setup:

No specific HW setup required for PPM driver

7. BIOS Menu Configuration:

No specific BIOS configuration required for PPM driver