

SX-Aurora TSUBASA System Software

NEC Parallel Debugger

Release Note

NEC Corporation

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1. Introduction

This document describes the outline of SX-Aurora TSUBASA System Software NEC Parallel Debugger.

NEC Parallel Debugger is an Eclipse PTP plugin for debugging of MPI applications. Eclipse PTP is an open source integrated software development environment for parallel programs. Eclipse PTP into which NEC Parallel Debugger is integrated enables effective debugging of distributed-memory parallel programs with MPI in addition to shared-memory parallel programs written in Fortran and C/C++ with OpenMP or automatic parallelization.

2. Product list

SX-Aurora TSUBASA System Software NEC Parallel Debugger is as follows.

Product Name	Product Code	Version	RPM File Name
NEC Parallel Debugger	UWAA00	1.0.0	<ul style="list-style-type: none">• RHEL7/CentOS7 nec-paralleldebugger-1.0.0-1.el7.x86_64.rpm• RHEL8/CentOS8 nec-paralleldebugger-1.0.0-3.el8.x86_64.rpm

3. Manual

Manuals included in this release are as follows.

File Name	Document Name
g2at02-NEC_ParallelDebugger_UsersGuide.pdf	NEC Parallel Debugger User's Guide (Japanese)
g2at02e-NEC_ParallelDebugger_UsersGuide.pdf	NEC Parallel Debugger User's Guide (English)

4. Notices and Restrictions

It is necessary to use NEC MPI Version 1.1.0 or later when debugging MPI programs with NEC Parallel Debugger.

5. Change Log

Change Log	
May, 2018	SX-Aurora TSUBASA System Software NEC Parallel Debugger Release
July, 2020	RHEL8/CentOS8 are supported.