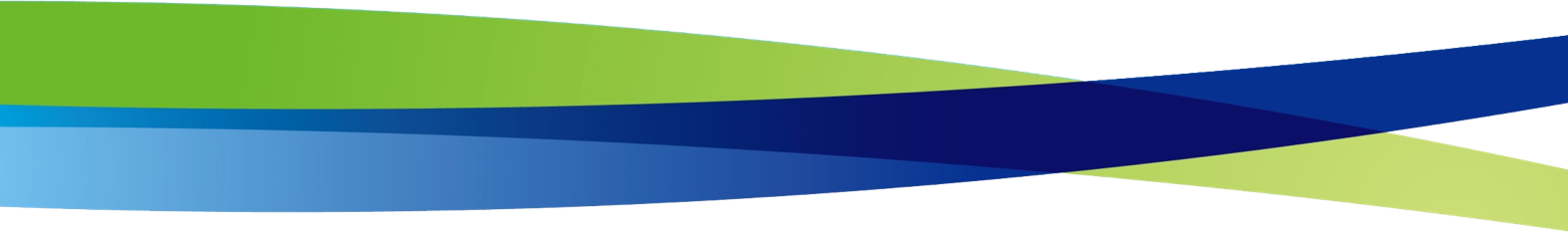


HCI

Stress Test Check Report



# File Information

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Stress Test Check Report | Version No. | V1.0 |
| Date |  | Author |  |

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Sangfor Technologies Inc.

# Foreword

Dear Sirs/Madams,

Thanks for your consistent support and help. To make sure our devices serve your demands for normal business operation, we would like to ask for your cooperation on so that we can conduct a stress test check to detect and eliminate underlying risks of the devices in advance, for which you can refer to details as listed in the content below.

Thanks for your cooperation!

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Chapter 1 Overview

* 1. Stress Test Scope

Stress Test before the delivery of the customer's aCloud product.

* 1. Contact

|  |  |  |  |
| --- | --- | --- | --- |
| Company Name |  | | |
| Contact |  | Phone Number |  |
| Sangfor Engineer |  | Phone Number |  |
| Date | {{pre\_check.date}} | | |

* 1. Objectives

Objectives of this Stress Test are as follows:

* Provide an assessment and summary of the system infrastructure and current hardware health conditions of the platform.
* Give suggestions pertaining to performance, management and future improvement of the platform.
  1. Marks and Connotations

Marks used in this report and the corresponding connotations are as follows:

|  |  |  |
| --- | --- | --- |
| No. | Mark | Connotations |
| 1 |  | Passed: The underlying items passed the current check. |
| 2 |  | Fault: Issues occurred and need to be fixed ASAP. |
| 3 |  | Alarm: Potential threats with a relatively low significance, which may affect business operation if unsolved. |
| 4 |  | Data is unavailable. |

* 1. Summary of abnormal problems

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total question | | Must fix | | Suggestion fix | |
| {%tr if statistical%} | | | | | |
| {{statistical.total\_que}} | | {{statistical.must\_fix}} | | {{statistical.suggest\_fix}} | |
| {%tr else %} | | | | | |
| No abnormality | | | | | |
| {%tr endif%} | | | | | |
| num | level | | Check items | | Suggested measures and their impact | |
| {%tr if collect\_check\_result%} | | | | | | |
| {%tr for item in collect\_check\_result%} | | | | | | |
| {{item.num}} | {{item.level.icon}} | | {{item.check\_item}} | | {{r item.suggestion }} | |
| {%tr endfor%} | | | | | | |
| {%tr endif%} | | | | | | |

Chapter 2 Inspection results

* 1. **Smartctl Log**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_smartctl\_log%} | | |
| {%tr for item in check\_smartctl\_log%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **IPMI Log**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_ipmi\_log%} | | |
| {%tr for item in check\_ipmi\_log%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Kernel Log**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_kernel\_log%} | | |
| {%tr for item in check\_kernel\_log%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Power Down**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_power\_down%} | | |
| {%tr for item in check\_power\_down%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Medium Disk Bad Sector Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_bad\_sector\_middle%} | | |
| {%tr for item in check\_bad\_sector\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Serve Disk Bad Sector Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_bad\_sector\_sever%} | | |
| {%tr for item in check\_bad\_sector\_sever%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Medium Disk Performance Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_disk\_performance\_middle%} | | |
| {%tr for item in check\_disk\_performance\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Serve Disk Performance Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_disk\_performance\_sever%} | | |
| {%tr for item in check\_disk\_performance\_sever%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

* 1. **Medium Low Disk Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_low\_disk\_middle%} | | |
| {%tr for item in check\_low\_disk\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.10 Serve Low Disk Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_low\_disk\_serve%} | | |
| {%tr for item in check\_low\_disk\_serve%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.11 Medium Disk Read Scan**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_disk\_scan\_middle%} | | |
| {%tr for item in check\_disk\_scan\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.12 Serve Disk Read Scan**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_disk\_scan\_serve%} | | |
| {%tr for item in check\_disk\_scan\_serve%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.13 Memory ECC UECC Check**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_memory\_ECC\_UECC\_middle%} | | |
| {%tr for item in check\_memory\_ECC\_UECC\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.14 Medium Memory Stress Test**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_memory\_stress\_middle%} | | |
| {%tr for item in check\_memory\_stress\_middle%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.15 Severe Memory Stress Test**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_memory\_stress\_serve%} | | |
| {%tr for item in check\_memory\_stress\_serve%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.16 Check Interfaces**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_ifaces%} | | |
| {%tr for item in check\_ifaces%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

**2.17 CPU Stress Test**

|  |  |  |
| --- | --- | --- |
| check\_item | result | suggestion |
| {%tr if check\_cpu\_performance%} | | |
| {%tr for item in check\_cpu\_performance%} | | |
| {{item.check\_item}} | {{item.icon}} {{item.result}} | {{item.suggestion}} |
| {%tr endfor%} | | |
| {%tr endif%} | | |

Chapter 3 Contact Us

|  |  |
| --- | --- |
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| Technical Support Community: | http://community.sangfor.com |
| Official Website: | <http://www.sangfor.com> |