



## Stratusphere™ TechBrief

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### Stratusphere™ UX Product Evaluation Checklist

For detailed information on installation, features & functionality, and other management capabilities, refer to the *Stratusphere Installation & Configuration Guide* and the *Stratusphere UX Quick Start Guide*.

#### Basic Setup

Step	Task	Status
1	<b>Install the Stratusphere Hub, Database, and Collector virtual appliances</b> Download the appliance format of your choice from <a href="https://www.liquidware.com/download">https://www.liquidware.com/download</a> and install the appliances on virtual hosts. Log in to the console of each appliance and follow the wizard to configure the appliance. Install a Collector appliance using the network collector role on each virtual host that you want to monitor desktop network traffic on. Install a Collector appliance using the CID Key collector role to collect data from CID Keys.	
2	<b>Install Connector ID Key software on desktops and confirm communication with Hub</b> Log in to the Administration module at <code>https://[hub-ipordns-address]</code> using default credentials of <code>ssadmin/sspassword</code> , navigate to the <b>Hub Administration &gt; Connector ID Keys</b> tab, download and distribute CID Keys to your user desktops. After they are installed, navigate to the <b>Inventory &gt; Machines</b> tab and verify if all desktops have registered and are calling back regularly.	
3	<b>Enable and configure Data Retention Summarized, Roll-up tables for faster performance</b> Log in to the Administration module at <code>https://[hub-ipordns-address]</code> using default credentials of <code>ssadmin/sspassword</code> , navigate to the <b>Hub Administration &gt; Data Retention &gt; Settings</b> tab, to enable and configure thresholds for summarized, roll-up tables for faster performance and long-term data retention.	
4	<b>Sync and import metrics from VMware vCenter and/or Nutanix Prism to get host statistics</b> Log in to Administration section and navigate to <b>Hub Administration &gt; VM Directories</b> . Click to Create New Directory with read-only credentials, and then import to host, data-store, and VM information.	

## Basic Diagnostic Capabilities & Features

Step	Task	Status
1	<p><b>Dashboard with overview of real-time diagnostics and key metrics</b></p> <p>In Stratusphere UX, navigate to <b>Advanced &gt; Dashboards</b> and explore all dashboards that can be customized as per your requirements.</p>	
2	<p><b>Import and/or create User Groups and Machine Groups for diagnosis</b></p> <p>Log in to the Administration section and navigate to <b>Hub Administration &gt; Directories</b> to import users &amp; groups using CSV/AD sync.</p>	
3	<p><b>Configure VDI UX Profile rating system</b></p> <p>Navigate to the <b>Diagnostics &gt; VDI UX Profiles</b> tab to view and/or change thresholds and weightings of metrics, recalculate as necessary and observe rating and color coding changes in the <b>Diagnostics &gt; Inspectors</b> tab reports. Repeat as required to adjust for user experience of users.</p>	
4	<p><b>Use Inspectors for diagnosing issues and troubleshooting</b></p> <p>Navigate to the <b>Diagnostics &gt; Inspectors</b> tab and run all the inspector reports to analyze, diagnose, troubleshoot, and drill down to details to solve problems. The following are the main inspectors:</p> <ul style="list-style-type: none"> <li>– Machine Diagnostics, User Diagnostics, Display &amp; Application Diagnostics</li> <li>– Network Applications, Connection Map, &amp; Connection History</li> <li>– Host Diagnostics and SAN Diagnostic</li> <li>– Desktop 360° View and View UX Trend Charts</li> </ul>	
5	<p><b>Run Stratusphere UX Reports</b></p> <p>Navigate to the <b>Diagnostics &gt; Reports</b> tab and run the following Report categories to do health checks, validate and compare user experiences, and diagnose problems.</p> <ul style="list-style-type: none"> <li>– UX Health Check Reports</li> <li>– UX Validation Reports</li> <li>– UX Diagnostic Reports: Machines, Applications, Event Log, Login &amp; Session, Remote Display</li> </ul>	
6	<p><b>Configure Alerts using Email, RSS, and SNMP</b></p> <ul style="list-style-type: none"> <li>– Machine Alerts</li> <li>– Network Alerts</li> <li>– Host Alerts</li> <li>– Storage Alerts</li> </ul>	



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### Advanced Diagnostic Capabilities & Features

Step	Task	Status
1	<b>Use the Advanced &gt; Search tab to search for any user, machine, app, process, etc.</b> Navigate to <b>Advanced &gt; Search</b> and enter any user name, machine name, application or process, etc. to start a comprehensive search for that term in the entire Stratusphere database. Then click it to get 360 drill-down details for that user or machine or process.	
2	<b>Use the Advanced Dashboards tab for key metrics within consumption, experience, performance</b> Navigate to the <b>Advanced &gt; Dashboards</b> tab to see customizable dashboards that can be created and edited to suite a specific use case or scenario.	
3	<b>Use the Advanced &gt; Spot Checks tabs to easily identify common issues in your environment</b> Navigate to the <b>Advanced &gt; Spot Checks</b> tabs to quickly identify problem causing issues.	
4	<b>Use Advanced &gt; Inspectors &gt; Users and Machine Summary tabs</b> Navigate to the <b>Advanced &gt; Inspectors &gt; Users (ID)</b> and <b>Advanced &gt; Inspectors &gt; Machines</b> tabs to explore querying data by different Inspector Views and by different Look Up items. Also explore adding Basis, Filters, and observing data in different Resolutions.	
5	<b>Use and explore additional Advanced &gt; Inspectors tabs</b> <ul style="list-style-type: none"><li>– Login, Event Log</li><li>– Applications, Process Name with process level network metrics</li><li>– Remote Display, Trace Route, Browser, Network tabs</li><li>– Folders and file Extensions tabs</li><li>– Infrastructure tabs such as vMachines and vHosts tabs</li><li>– Inventory &amp; Alerts tabs</li></ul>	
6	<b>Explore the Advanced &gt; Trends &amp; Top Consumers tab for trending and high consumers of resources</b> Navigate to the <b>Advanced &gt; Trends &amp; Top Consumers</b> tab and then to the <b>Overview Trend</b> tab for all major UX metrics trends. The <b>Compare Trend</b> tab allows you to compare metrics across different time frames, and <b>Top Consumers</b> tab displays entities using the most resources.	
7	<b>Use API Builder</b> Log in to the API Builder to learn how to use and build API to get data from the Stratusphere Database.	

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