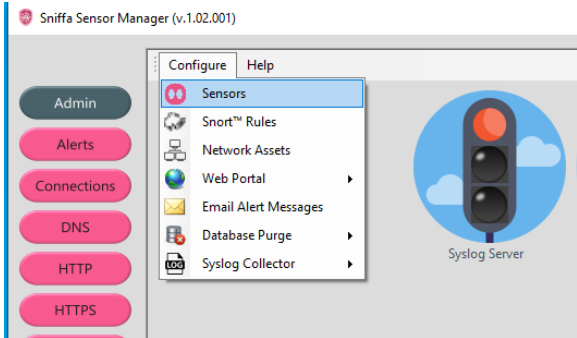
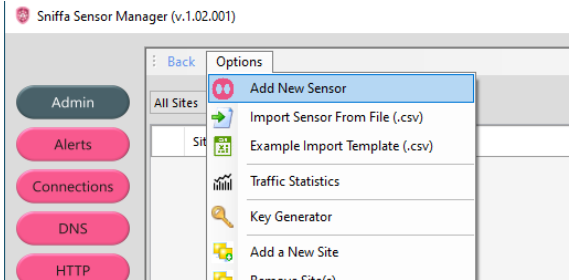
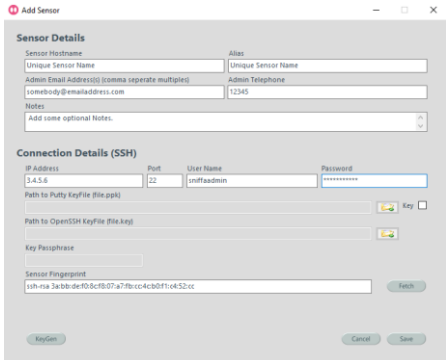


Sniffa Runbook

Adding a New Sensor to the Sensor Manager Application

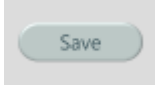
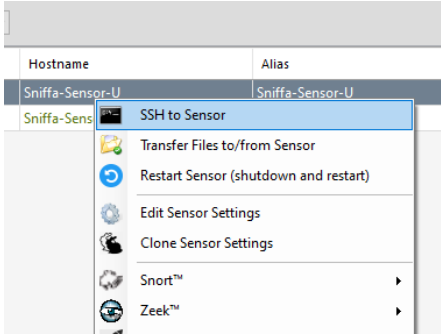
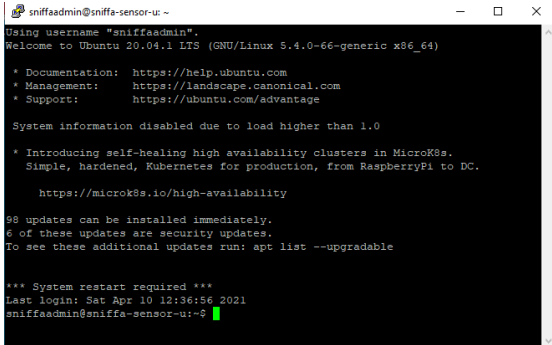
Serial	Instruction
	<p>Overview.</p> <p>Sensors are the remote elements of the Sniffa monitoring solution that record the network traffic and send Syslog alerts + traffic metadata, back to the centralised Sensor Manager Application.</p> <p>Before the Sensor Manager Application can receive Syslog Alerts from a Sensor, a unique hostname and IP Address must be added to the Sensor Management Panel.</p> <p><i>Note:</i> The Sensor Manager Application is licenced per Server and limited to the amount of Sensors it can be configured to manage.</p> <p>This runbook includes the tasks to be completed to manually add a remote Sensor to the Sensor Manager Application.</p>
<p>1.</p>	<p>Select the Admin Panel. Select the 'Configure' menu item. Select the 'Sensors' menu item.</p> 
<p>2.</p>	<p>From the Sensors Panel. Select 'Options' menu item. Select 'Add New Sensor' menu item.</p> 
<p>3.</p>	<p>Add Unique Sensor Hostname. Add Email Address (optional). Add Notes (optional). Add Unique IP Address. Add SSH port number. Add Username. Add or Fetch Fingerprint.</p> <p>Using Password Uncheck 'Key' checkbox. Add Password.</p> 

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<p>4.</p>	<p>Using Key Check 'Key' checkbox. Add path to private key file (file.ppk). Add path to OpenSSH key file (file.key). Add Passphrase (optional).</p> <p><i>Note:</i> Use 'KeyGen' button to Generate a new key pair, if needed.</p>	
<p>5.</p>	<p>.ppk File Format Created using Key Generator option: 'Save private key'.</p> <p>.key File Format Created using Key Generator option: 'Export openssh key'.</p>	<pre>PuTTY-User-Key-File-2: ssh-rsa Encryption: aes256-cbc Comment: rsa-key-20210410 Public-Lines: 6 AAAAB3NzaC1yc2EAAAABJQAAAQEAkhpRI/6PezupOMQW06f4ITx2h8I5/VcKwV5K K45N6cyQqFOV6HKcVm5xmMYWm/QNVrbrj680PuI2BwjJ2gUCP6mpqEtl4JMqkEi/ D4aSu/9ptbaczuqX+17iKhlYppsGhFwSB6t7CtPI4FrohVA/MWRGM155xqjU1++M 7MS0ww5RDy8p18k9Ylq48kEX+VmH5487Fgxp6kRl74ohVi4yKVZ2HA5sbGu6h eUOQ87ch9gdx8SFmTe/XQ08dPt4JAXVYdN2DEyszy3lGYwhb9Pk4a9Ocpyg6nh3x NL+iYuAaEM4yjIJoX7907pcacKvN+cqNweru7lyOz6y/9Ub68GQ== Private-Lines: 14 UeVK2UHchk6t3zrN8BX525hfUsFPgfWJgMcqJQdhJ5dxHxvM3IHa4m3xJiYnHSU7w PHiKqI5BN3iQUJkWKWkdJdglTgcRtQmxYcYhJvI2UfcvV9/ipoJnX/B88FuWPPBLUiu ZK2bp45KPTDgXnBL4Vs6vuw4+vxH+7EXQ3XdGIXu2TvA8TejdrRCQ+Tg3M31aBzta zd8axbIunU89AFQhOk80Q7XRJom9mhhXwv320yRg16YnVlTLou67N3JnJb3GZP 4hBFZHIgRd6p0cYnzTHPQLg8xpNm69c/fv8BbTGM2ggCriul.sux+ux2enLszYMIC bNk3lQjpf7X2qm2LGR/iCOqIiyaYP+It8K0KCAkoxem72aaFcpED0xld/Qe3Nb0k IYZXY1W3fyOjckQen74/BfgkLH0722Flu8h1kxcFmbN2p83iD8R7Bb4DQf//pFlv 3b81i1TISYhedd6RYZod6HpPsdw7H0pqu2240yFp2lM73K10BU6e2eEL/xLxLJr tw76KaxZUHLznIwpyEu4Q0i2xTeGS/VGZCVNhgVUJf5FbUVqp78ONkqMINX42Qz DDsRwccqMjEsSaRILLDpsTRXoFg99ly8rtFFWgYiJl1LF6CzsdIntGL14t6LkCupS Ny+mhANL0Mj6x7x1aflkJK4iRhQeDrdaPzLpg+EbocmFz7FmQ/Cxgk8y6vXUN IRqJmUfZxNaRonhYP298YLLmntnOhbEax07F0+7gEgjtDjQ7850In2gx3lgoLSI WccfEi4a4DRFT2Q4ld8n0vGeRD3tZbuNj80f5cFlZ02Ej4Tg/Ldl/sWcgtlP55ba imjmuP0fB46MvmmxkEcszRkzhGvntHmJzRtBjJDFWpYCVYhbZm/+cv7gRU/bRI6R Private-MAC: 18a4536ef4baf2968d14dc00c0d17f0b6d44059</pre> <pre>-----BEGIN RSA PRIVATE KEY----- Proc-Type: 4, ENCRYPTED DEK-Info: DES-EDE3-CBC, 599E6A9799AB61FB NAPV0DtBkZ2S2Wrk9d68VQBfGGJh80x3PgYXi4W7iKX5zELrWTEywpNFGb6aQne UEHgb7E/Cho98xRFqfa72bJFPrBLwFQOwum2Rsd6L7bn9x5woYo+wINU/qmNlmo7 KIAf12nZcIhZ2JVTyE5uBxM65/gHOC1WTFQj05Ogz9iVlu2HobScu4F8k45NRDS Yvb2Eyxdmzi78yMxTyrTFzWj8BP8b/rymCzdsIAM4L+fmV7XQteHyfXiHFa3M8Jh olgrJzsjJXmgY1739zuCdaNEFrRBX7ir/LtAN/mPmKblh+v0JC8lQQTTU4JOTq9Xd egLF89YTy1sUUSCjshhJjOsz/JHziYCWQya7Nrd0281FKDqVgLHx8PW31f6Rs1 vh2Ink0lJkWcpnd/wRi93iDi3d2Pc9d9V5F9t0iKxH01edLAJVTcYsKeoomL71g NwQpsFUB22WD3FPp2fiifmb+zLhDMjMdbmlFX4Fbd5dlWjx8Ar+883XUa1CJoah vGsHvoHcv5hsEkkMWEkAbGXJHUKRDn3989g5nFe4swtHFGJp5yBFHqDRA/lTm7Hg s78x09Wf9B8P8qayXE9vWszYcqjJd2x2B2glhL9TAsL3LDEYmX4130pE/UEX9w0VI 6yF9fHhF9eAxXNQYslibXCruL2DmxX1uicBTjJhMgTjGSLXuv52e4LhOJ/FR8tn ulqp4frqce/OyzBQdm3wWw87cPC0zI03qiZQFypXm+4yg/aw/gnskThHPiUzT X9QueUndlZz1B0P86Xhnz3GaJ7i3l9Q4Mn51wRJBxctFkSRhdN7VGTtkyNMAQUJ 1st7Ft+t7XNt2LzBW+85j4m3Lao3dwi/zCV7D0EEJVMYfzG336Uknfd+E5BkTd tMmdlFRzqQlaFQad9Omy7zcULGx6o7Pnrfa37v5fufcJD3TpDijUPYCFIDMLUvf wv079rVnqInsuVj9Q4YwdxDBRGUB5BT5msUmlCka6BmoVQVD40AFN2idr3LEVE NYFv4Q/z1DGfXwZMQwRB0tqL7tgeku5NvDexsbmQ9oRLz724oH+X0hDejTyqFmd 1P/QXNBF0ySwlQMTWhwp4Xtfe13EgWcBbP6/dgFeHk6D7ldPYaSiA9v5f5+AWHDI AUNLNRXfQgnb4Kv85ci4UTJA9jVbGauP73VL129z2U9+vpo2D6o/nB18zbfuZQo Tkz0z6Fs1C4iFQSGqQzBzqj5Lft8NbkRbFdtBv8Q9RCC805d6905GuxJN1Wsv BlE0DEB7Z9Gfco8dxz+wdf8X0gLQXVHhzbthqkvKsE8+XYG2WkIXCjyBrGjv4t tUlCJZuhA7htoeYKlqizLzqLaePgyUcbuz6B0Ljwo/akPWipnkASl0Ej8Jv3C 5XaBtFmiaHaqIn5y0OhjOrINDHKEkNlPWIUQgs3Wt9m8uLlUkvhqbThqRhb30ibjM aJNk0ktVxQdQnH8a831fmC85heM2vcDpG9rFmviYUQnbu2xyG3XxzWjYzaid1C chF20dElusltiAmQoIQ0+W4DLrCtPtqCjLLw24rWz2PcmAa3jxwvGw== -----END RSA PRIVATE KEY-----</pre>
	<p>Fingerprint String Format</p>	<p>ssh-rsa 3a:bb:de:f0:8c:f8:07:a7:fb:cc:4c:b0:f1:c4:52:cc</p>

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<p>4.</p>	<p>Ensure User and authentication details are created on remote Sensor.</p> <p>Using Password Set correct password on remote sensor.</p> <p>Using Key Copy Public Key text to sensor file named: /home/[username]/.ssh/authorized_keys</p> <p>Run commands: <code>chmod -R 700 /home/[username]/.ssh</code> <code>chmod 600 /home/[username]/.ssh/authorized_keys</code></p> <p><i>Note: [username] should be replaced with the correct username</i></p>
<p>5.</p>	<p>Use the 'Save' button to save the New Sensor.</p> 
<p>6.</p>	<p>Test connection settings by right clicking on the New Sensor and selecting 'SSH to Sensor' menu item.</p> 
<p>7.</p>	<p>Check the terminal window for successful log in.</p> 
<p>8.</p>	<p>End of Runbook.</p>