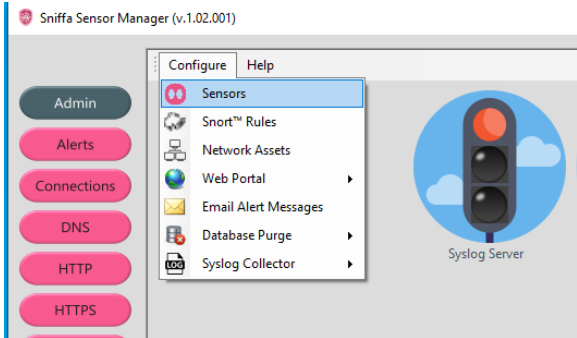
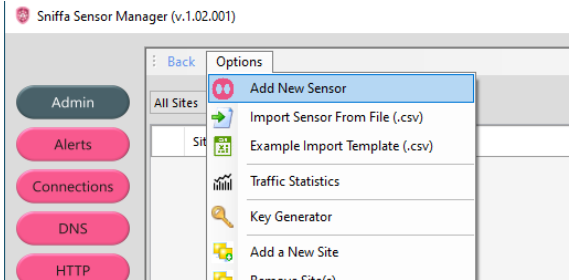
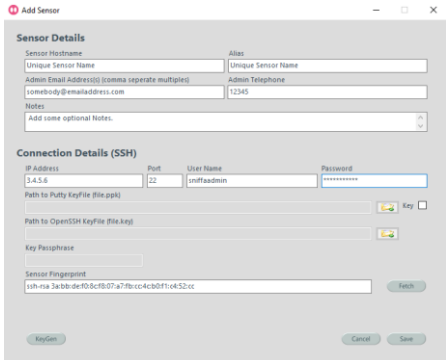


## Sniffa Runbook

### Adding a New Sensor to the Sensor Manager Application

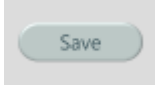
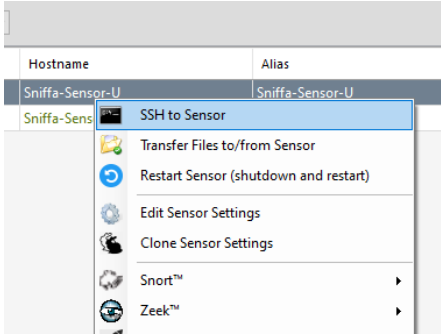
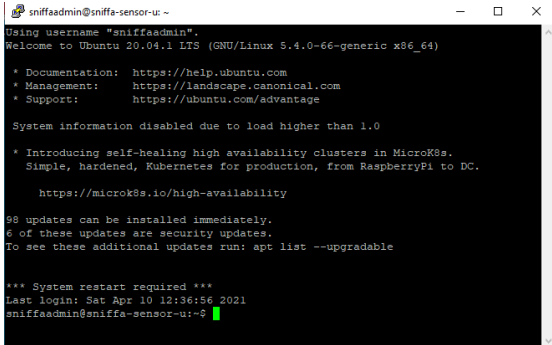
Serial	Instruction
	<p><b>Overview.</b></p> <p>Sensors are the remote elements of the Sniffa monitoring solution that record the network traffic and send Syslog alerts + traffic metadata, back to the centralised Sensor Manager Application.</p> <p>Before the Sensor Manager Application can receive Syslog 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><b>Using Password</b> Uncheck 'Key' checkbox. Add Password.</p> 

## Sniffa Runbook Adding a New Sensor to the Sensor Manager Application

<p>4.</p>	<p><b>Using Key</b> 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, if needed.</p>	
<p>5.</p>	<p><b>.ppk File Format</b></p> <p><b>.key File Format</b></p> <p><b>Fingerprint String Format</b></p>	<pre>PuTTY-User-Key-File-2: ssh-rsa Encryption: aes256-cbc Comment: rsa-key-20210410 Public-Lines: 6 AAAAB3NzaC1yc2EAAAABJQAAAQEAkHPRI/6PezupOMQW06f4ITx2h8I5/VcKwV5K K45N6cyQgFOV6HKcVm5xmMYWm/QNVrbrj680PuI2Bwj2gUCFP6mpqET14JMqkEi/ D4a8N/jptbaczuqX+17iKhllyppsGhFwSB6t7CtPI4FrohVA/MWRGm155xqjU1++M 7MS9Oww5RDy8p18k9Ylq48kEX+VmH5487Fgxp6kR1h74ohVi4yKVZ2H5sbGu6h eu0Q87ch9gdx8SFmTe/XQo8dPt4JAXVYdN2DEyszy3lGYwhb9Pk4a9Ocpyg6nh3x NL+iYuAaEM4yjIJoX79o7pcacKvN+cqNweru7lyOz6y/9Ub68Q== Private-Lines: 14 UeVK2UHchk6t3zrN8BX525hfUsPFgfWJgMcqJQdhJ5dxHxvM3IHa4m3xJiYnHSU7w PHiKqI5BN3iQUJkWKWkdglgtgCRtQmxYcYhJv12UfcvV9/ipoJnX/B88FuWPPBLUiu ZK2bp45KPTDgXnBL4Vs6vuw4+vxH+7EXQ3XdGIXu2TvA8TejdRCQ+Tg3M31aBzta zd8axbIunU89AFQhOk80Q7XRJom9mhhXwv320yRg16YnVlTLou67N3JnJb3GZP 4hBFZHIgRd6p0cYnzTHPQLg8xpNm69c/Fv8BbTGM2ggCriul.sux+ux2enLszYMIC bNk3lQjpf7X2qm2LGR/iCOqIiyaYP+It8KoKCAkoxem72aaFcpED0xld/Qe3Nb0k IYZX1W3fyOjckQen74/BfgkLH0722Flu8h1kxcFmbN2p83id8R7Bb4DQf//pFlv 3b811ITISYhedd6RYZod6HpPsdw7H0pqu224oYfp2lM73K10BU6e2eEL/xLkAJr tw76KazJzUHLznIwpyEu4Q0i2xTeGS/VGZCVNhgVUJfFbUVqpv8ONkqMINX42Qz DdsRwccqMjEsSaRILLDpsTRXofG99ly8rtFFwYgWi1l1F6CzsdIntG14t6LkCupS Ny+mhAbNL0Mj6x7x1aflikJK4irhQeDRdapzLpg+EbocmFz7FmQ/Cxgk8y6vXUN IRqJmUteFzXNaRonhYP298YLLmntnWhbEa07F0+7gEgjtTjQ7850In2gx3lgoLSI WccfEi4a4DRFT2Q4ld8n0vGeRD3tZbuNj80f5cFlZ02Ej4Tg/Ldl/sWcgtlP5b8a imjmuP0fB46MvmmxkEcszRkzhGvntHmJzRtBjJDFWpYCVYhbZm/+cv7gRU/bRI6R Private-MAC: 18a4536ef4baef2968d14dc00c0d17f0b6d44059</pre> <pre>-----BEGIN RSA PRIVATE KEY----- Proc-Type: 4, ENCRYPTED DEK-Info: DES-EDE3-CBC, 599E6A9799AB61FB  NAPV0DtBkZ2szWrk9dD68VQBfGGJhS0x3PgYXi4W7iKX5zELrWTEywpNFGb6aQne UEHgb7E/Cho98xRfQfa72bJFPrBLwfQOum2Rsd6L7bn9x5woYo+wINU/QmNlmo7 KIAfL2nzCihJc2JVTre5uBxM65/gHOC1WTFQj05Ogz9iVlu2HobScu4F8k45NRDS Yyb2Eyxdmzi78yMxTyrTFzWj8B88b/rymCzdsIAM4L+fmV7XQteHyfXihF8a3M8Jh olgrJzsjJXmgY1739zuCdaNEFRBX7ir/LtAN/mPmKblh+v0JC8lQQTTU4JOTq9Xd egLF89YTy1sUUSCjshJjOsz/JHziYCWQya7Nrd0281FKDqVgLHx8PW31f6Rs1 vh2lnIkolJkWcpnd/wRi93iDi3d2Pc9d9V5F9t0iKxH01edLAJVTcYsKeoomL71g NwQpsFUB22WD3FPp2fiifmb+zLhDMjMdbmlFX4Fbd5dlWjx8Ar+883XUa1CJoah vGsHvoHcv5hsEkbMWEkAbGXJHUKRDn3989g5nFe4swtHPGJp5yBFHqDRA/lTm7Hg s78x09WfYrB88qayXE9vWszYcqjJd2x2BglhL9TAsL3LDEYmX4130pE/UEX9w0VI 6yF9fHhF9eAxXNQYslibXCruL2DmxX1uicBTjJhMgTjGSLXuv52e4LhOJ/FR8tn ulqp4frqce/OyzBQdm3wWw87cPC0zI03qiZQFypXm+4yg/aw/gnskThHPiUzT X9QueUndlzlz1B0P86Xhnz3GaJ7i3l9Q4Mn51wRJBxcTFkSRhdN7VGTtkyNMAQUJ 1st7Ft+t7xNT2LzBW+85j4m3Lao3dwi/zCV7D0EEJVMYfzG336Uknfd+E5BkTd tMmdlfrz9QlaFQad9Omy7zcULGx6o7Pnrfa37v5fufcJD3TpDijUPYCFIDMLUvf w079rVnqInsuVj9Q4YwdxDBRGUB5BT5msUmlCka6BmoVQVD40AFN2idr3LEVE NYFv4Q/z1DGfXWZMQwRB0tqL7geku5NvDexsbmQ9oRLz724oH+X0hDEjTyqFmd 1P/QXNBF8ySw1QMTWhwp4Xtfe13FgWcBbP6/dgFeHk6D7ldPYa8ia9vf5+AWHDI AUNLNRXfQgnb4Kv85ci4UTJA9jVbGauP73VL129z2U9+vPO2D6o/nB18zbfuZQo Tkz0z6Fs1C4iFQSGqQzBzqj5Lft8NbkRbFdtBv8Q9RCC805D6905GuxJN1Wsv BlE0DEB7Z9Gfco8dx2+wDf8X0gLQXVHhzbthqkvKsE8+XYG2WkIXCjyBrGjv4t tUlCJZuhA7htoeYKlqiZLzqlaePgyUcbuz6BOLjwo/akFWipnkAS10Ej8Jv3c 5XaBtFmiaHaqIn5y0OhjOrINDHKEkN1PWIJQgs3Wt9m8uL1UkvhqbThqRb30ibjM aJNk0ktVxQdQdN8a831fmC85hE2vcDpG9rFmviYUQnbu2xyG3XxzWjZaaid1C chF20dElusltiAmQoIQ0+W4DLrCtPtqCJ1L24rWz2PcmAa3jxwvGw== -----END RSA PRIVATE KEY-----</pre>

## Sniffa Runbook

### Adding a New Sensor to the Sensor Manager Application

<p>4.</p>	<p>Ensure User and authentication details are created on remote Sensor.</p> <p><b>Using Password</b> Set correct password on remote sensor.</p> <p><b>Using Key</b> 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>