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Running Splunk Enterprise within Docker

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Why use Splunk on Docker?

- ▶ Easily create Splunk clusters
 - Replicate production environment in a smaller footprint
 - Test cluster upgrades
 - Lab environments
- ▶ Reduced hardware resources and costs
- ▶ After initial setup, clusters can be created on-demand

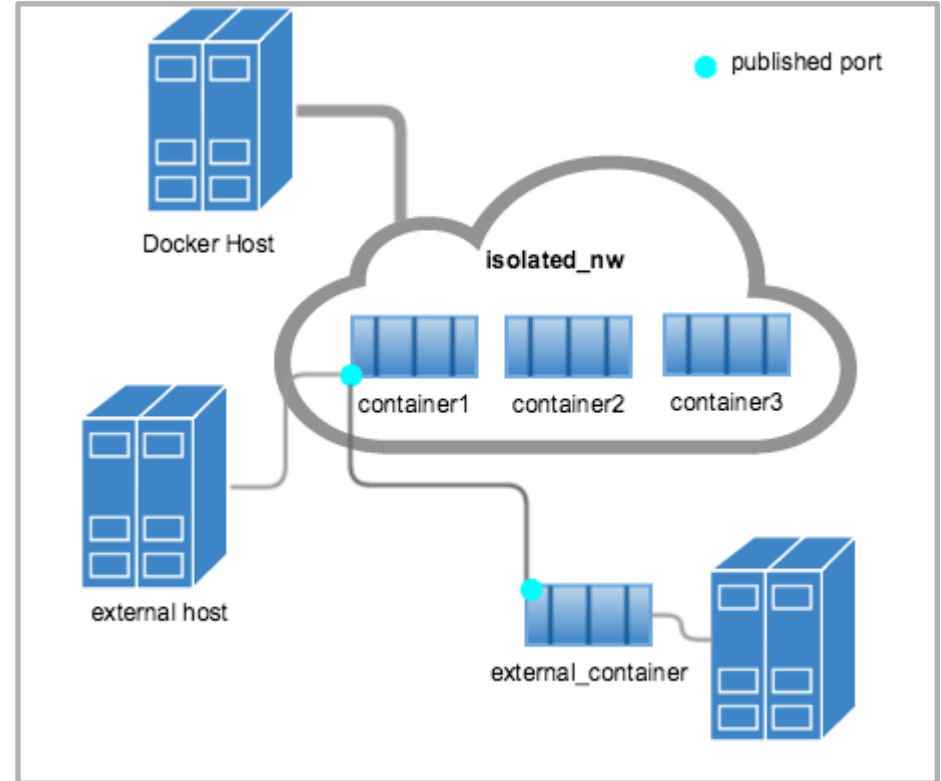
- ▶ Not recommended for use in production environments

```
130.60.4 - - [07/Jan 18:10:57:153] "GET /category.screen?category_id=GIFTS&JSESSIONID=5D15LAF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/cart.do?action=view&itemId=EST-6&product_id=F1-SW-01"
128.241.220.82 - - [07/Jan 18:10:57:123] "GET /product.screen?product_id=FL-DSH-01&JSESSIONID=5D35L7FF6ADFF0 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cart.do?action=purchase&itemId=EST-26&product_id=K0-CW-01"
317.27.160.0.0 - - [07/Jan 18:10:56:156] "GET /oldlink?item_id=EST-26&JSESSIONID=5D5$L9FF1ADFF3 HTTP 1.1" 200 1318 "http://buttercup-shopping.com/cart.do?action=changequantity&itemId=EST-18&product_id=AV-CB-01&JSESSIONID=5D55LFF1ADFF3"
130.60.4 - - [07/Jan 18:10:57:153] "GET /category.screen?category_id=FLOWERS&JSESSIONID=5D15LAF10ADFF10 HTTP 1.1" 200 3865 "http://buttercup-shopping.com/cart.do?action=remove&itemId=EST-14"
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```


Managing Ports

► Docker containers run in an isolated virtual network

- -p hostip:hostport:destport
- -p 0.0.0.0:8000:8000
- -p 8000:8000
- -p 8000
- -p 443:8000
- -p 1500-1600



Q&A

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Further Information

- ▶ Docker Documentation:
docs.docker.com
- ▶ Docker Glossary
docs.docker.com/glossary

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317.27.160.0 - - [07/Jan 18:10:56:156] "GET /oldlink?item_id=EST-26&JSESSIONID=5D55L9FF1ADFF3 HTTP 1.1" 200 1318 "http://buttercup-shopping.com/cart.do?action=changequantity&itemId=EST-18&product_id=AV-CB-01&JSESSIONID=5D55L7FF6ADFF0" "Mozilla/5.0 (Windows NT 5.1; SV1; .NET CLR 1.1.4322)"
10.0.0.1 - - [07/Jan 18:10:55:187] "GET /category.screen?category_id=FLOWERS&JSESSIONID=5D55L7FF6ADFF0 HTTP 1.1" 200 3865 "http://buttercup-shopping.com/cart.do?action=remove&itemId=EST-14" "Mozilla/5.0 (Windows NT 5.1; SV1; .NET CLR 1.1.4322)"
10.0.0.1 - - [07/Jan 18:10:55:189] "GET /category.screen?category_id=FLOWERS&JSESSIONID=5D55L7FF6ADFF0 HTTP 1.1" 200 3865 "http://buttercup-shopping.com/cart.do?action=remove&itemId=EST-14" "Mozilla/5.0 (Windows NT 5.1; SV1; .NET CLR 1.1.4322)"

Thank you

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