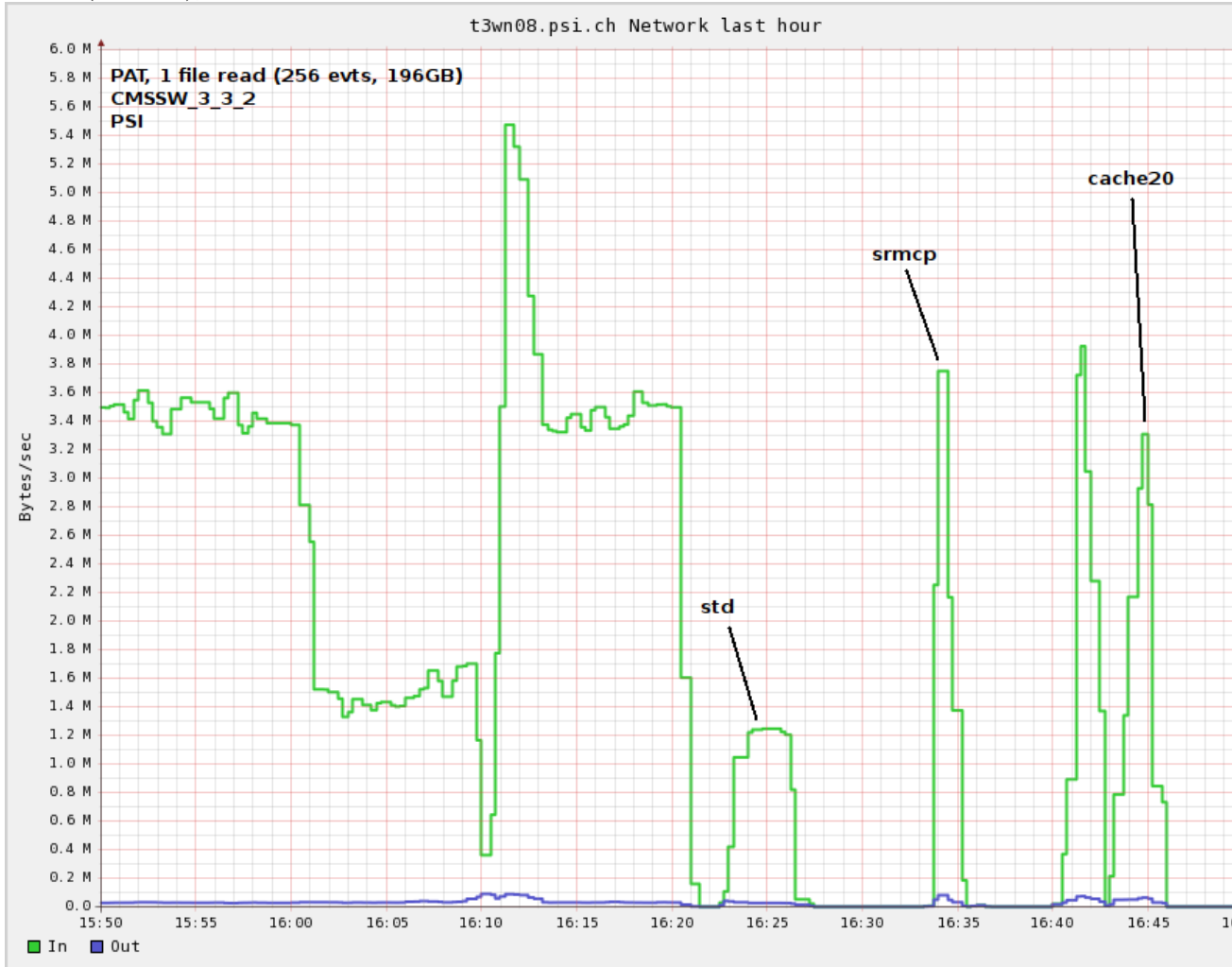


Test with srmcp of 196 MB file: for ifconfig got size of 204.9... OK

Using standard PAT:

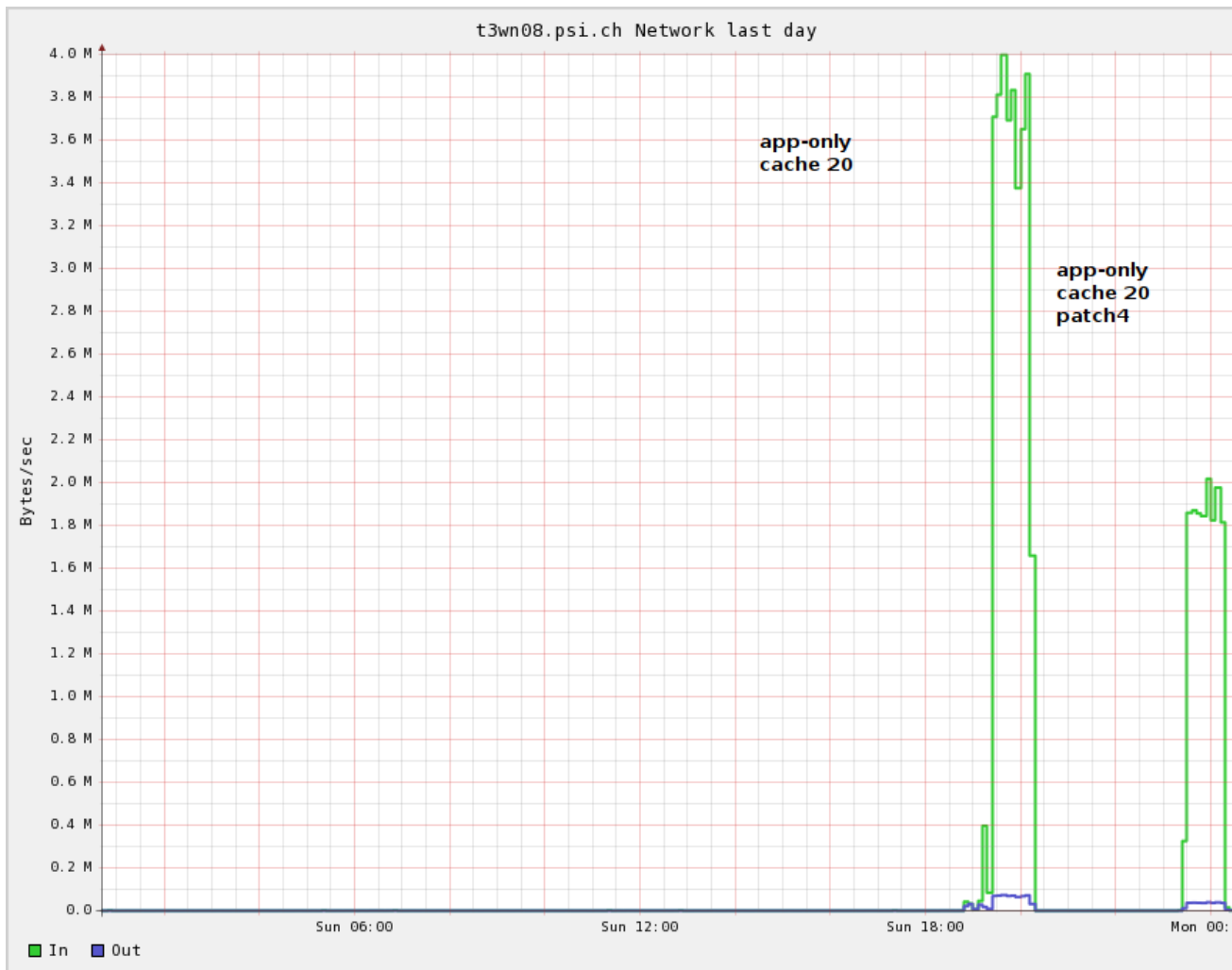
	dcap-read	dcap-readv	tstoragefile-read	tstoragefile-read-actual	tstoragefile-read-cache	tstoragefile-read-cache-actual
std, 1 file	36.32	/	36.32	36.32	/	
cache=20MB, 1 file	2.3	217.735	36.32	2.3	33.99	
patched4, cache=20MB, 1 file	98.6723	/	36.327	98.6723	31.0044	
cache=20MB, 10k events	69.1704	9032.86	1384	69.1704	1314.83	
patched4, cache=20MB, 10k events	3857.27	/	1384	3857.27	1183.52	

- PAT_WN08_PSI_network_1file_1_commented.png: "srmcp" is the copy to local area of a file from the SE (196 MB), can be used as reference



- PAT_WN08_PSI_network_10kevts_CACHE20_patch4_commented.png:

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seems that using rh auto-detect for dcache selects the buffering:

<http://cmslxr.fnal.gov/lxr/source/Utilities/DCacheAdaptor/plugins/DCacheStorageMaker.cc#038>

<http://cmslxr.fnal.gov/lxr/source/Utilities/DCacheAdaptor/src/DCacheFile.cc#132>

```
126 // Turn off read-ahead, or adjust read-ahead size depending on
127 // whether buffering has been requested. This is a very tricky
128 // balance here. Without read-ahead data processing appears to
129 // become exceedingly slow, and with default (1MB) read-ahead
130 // it appears to saturate disk servers and network. Try tread
131 // reasonable middle ground here.
132 if (flags & IOFlags::OpenUnbuffered)
133     dc_noBuffering(m_fd);
134 else
135     dc_setBufferSize(m_fd, 64000);
136
```

-- LeonardoSala - 22-Jan-2010

This topic: Sandbox > LSFJRTests

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