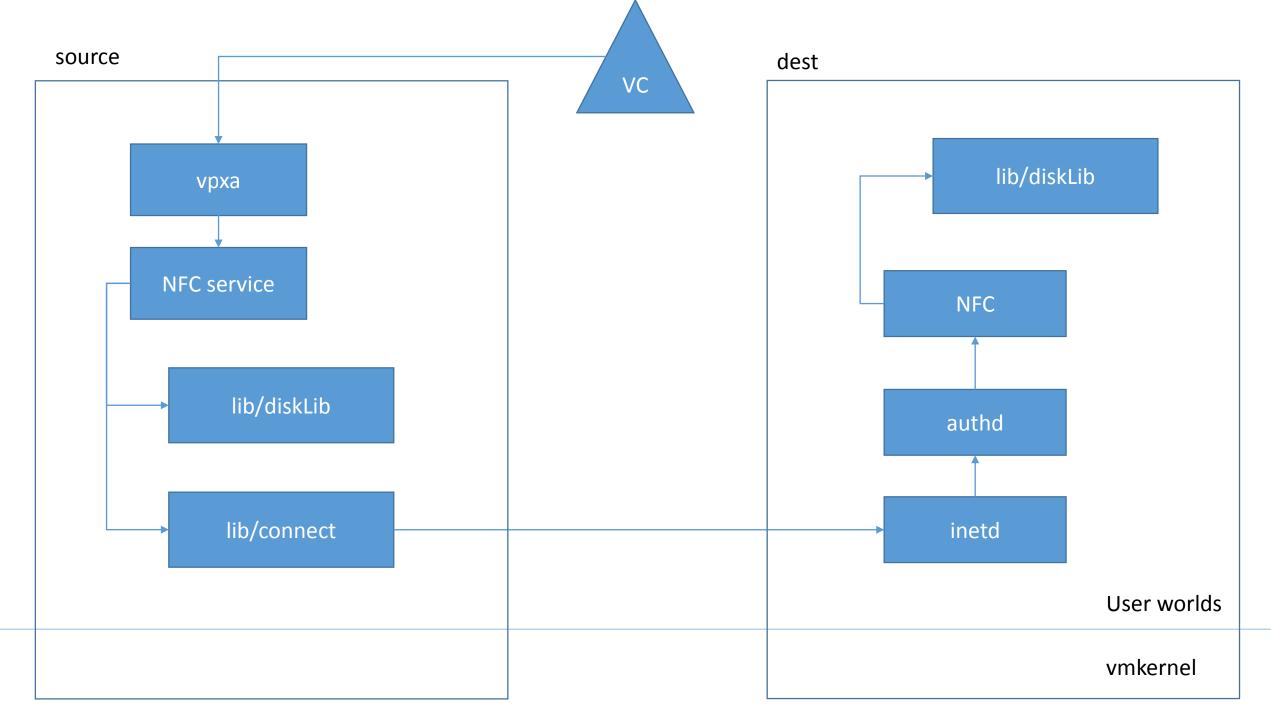
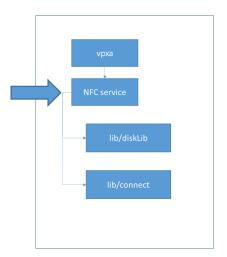
NFC





```
NfcManagerImpl::Copy(DataArray<CopySpec> *spec)
```

Ref<NfcWorker> nfcWorker = new NfcWorker(_callbacks, GetLogger())

NfcWorker::DoWork(DataArray<CopySpec> *copySpecs)

NfcWorker::SetupConnections(DataArray<CopySpec> *copySpecs)

NfcClient::NfcClient(CopySpec)

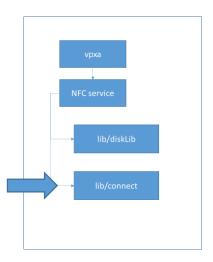
CopySpec::CnxSpec *srcCnx = copySpec->GetSource()->GetCnxSpec();

CopySpec::CnxSpec *dstCnx = copySpec->GetDestination()->GetCnxSpec();

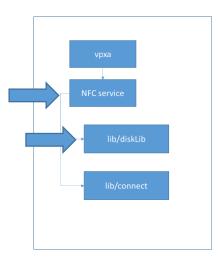
InitRemoteSession(remoteCnx->GetHost(), credentials, remoteCnx->GetPort(),

localCnx->GetHost(), remoteCnx->IsUseSSL());

NfcWorker::TransferSpecs(copySpecs, connMap); // actual transfer

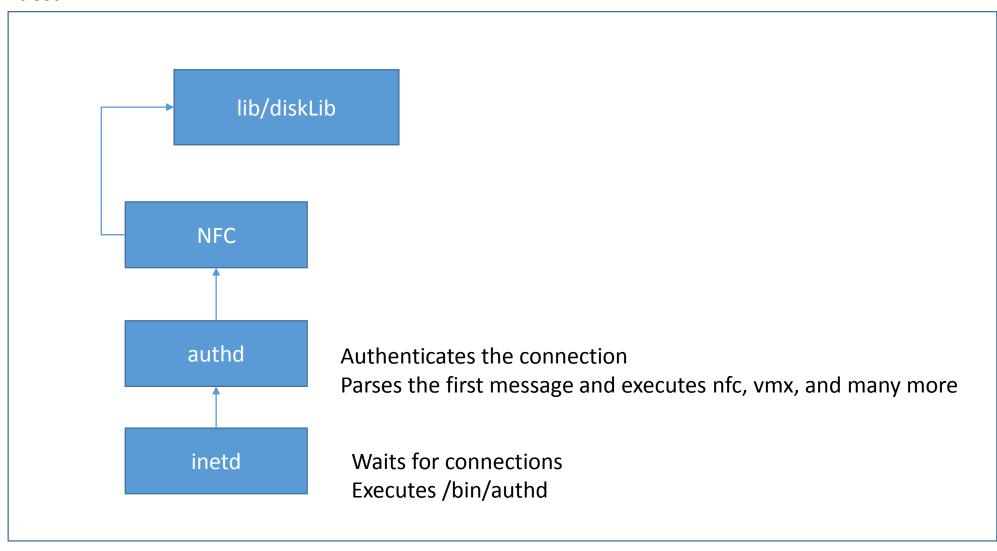


NfcClient::InitRemoteSession
Nfc_EstablishAuthdConnectionEx2
Nfc_BindAndEstablishAuthdCnx
Nfc_BindAndEstablishAuthdCnx2
Cnx_SetNetstackParams(IParams, netstack);
NfcNewAuthdConnection
CnxConnectAuthd
CnxAuthdConnect
CnxAuthdConnect
CnxAuthdConnectTCP
CnxOpenTCPSocket



```
NfcWorker::TransferSpecs(copySpecs, connMap);
            for (unsigned int i = 0; i < _totalNumSpecs; ++i)
                        CopySpec *copySpec = copySpecs->GetAt(i);
                        TransferFiles(copySpec, fileList, *connMap[copySpec]);
                                    for (; it != fileList.end(); ++it)
                                                 nfcClient.TransferFile(fInfo);
                                                             switch (_connectionType) {
                                                             case LOCAL:
                                                                          Nfc_LocalRename(_session, srcFilePath, dstFilePath)
                                                                                      NfcFile Rename
                                                                                                  Nfc_DiskLib_Rename(oldName, newName, NULL)
                                                                                                               _NDLCALL(DiskLibWrap_Rename)(old...)
                                                             case OUTBOUND:
                                                                          Nfc PutFileEx( session, srcFilePath, dstFilePath)
                                                             case INBOUND:
                                                                          Nfc_GetFile(_session, srcFilePath, dstFilePath)
```

dest



```
NFC authd inetd
```

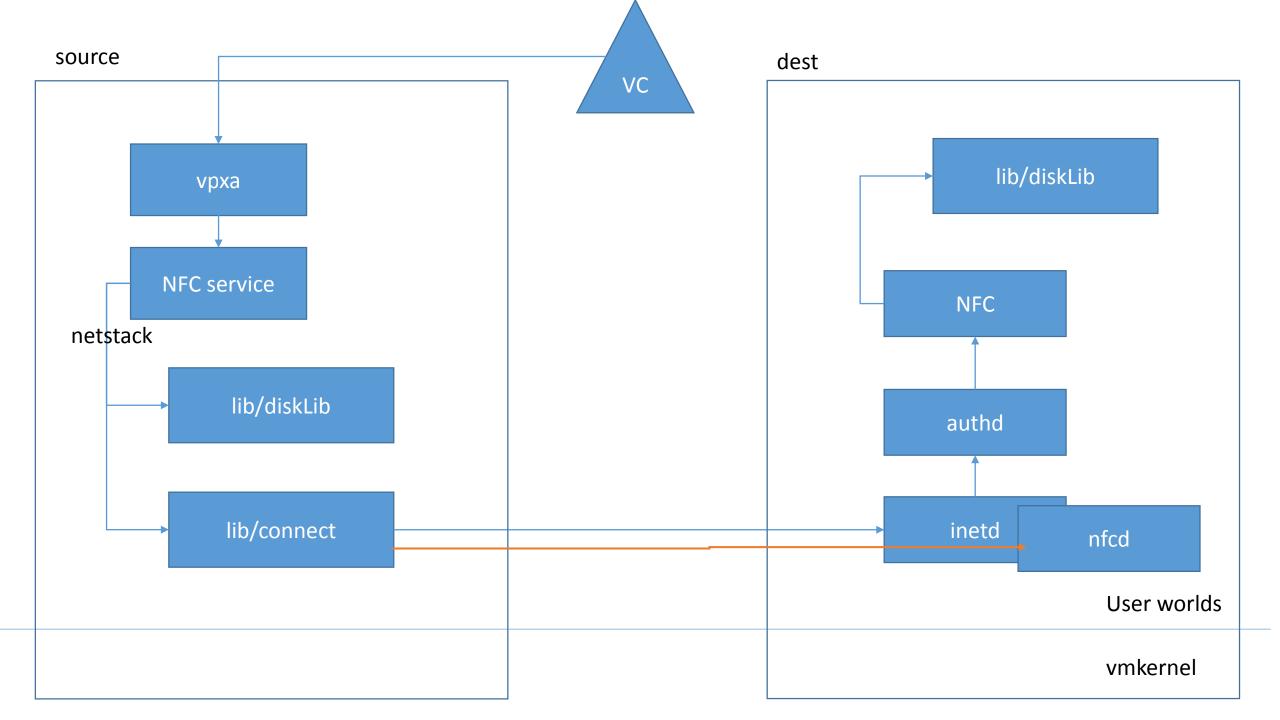
main()

```
parse_config_file()
          // for each service
                    sep->se_fd = socket();
                    listen(sep->se_fd);
for (;;) {
          ctrl = accept(sep->se_fd, (struct sockaddr *)0, (socklen_t *)0);
          pid = fork();
          if (pid) { // parent
            continue;
          dup2(ctrl, 0);
          close(ctrl);
          dup2(0, 1);
          dup2(0, 2);
          execv(sep->se_server, sep->se_argv);
```

```
[root@waubesa:~] cat /var/run/inetd.conf
# Internet server configuration database
# Remote shell access
                      nowait root /usr/lib/vmware/openssh/bin/sshd
ssh
                 tcp
        stream
sshd ++group=host/vim/vimuser/terminal/ssh -i
                 tcp6 nowait root /usr/lib/vmware/openssh/bin/sshd
ssh
        stream
sshd ++group=host/vim/vimuser/terminal/ssh -i
# VMware authentication daemon
                 tcp nowait
authd
                                      /sbin/authd
                                                            authd
       stream
                               root
                 tcp6 nowait
                                       /sbin/authd
authd
                                                             authd
       stream
                               root
```

Integer value	Name	<pre><unistd.h> symbolic constant^[1]</unistd.h></pre>	<stdio.h> file stream[2]</stdio.h>
0	Standard input	STDIN_FILENO	stdin
1	Standard output	STDOUT_FILENO	stdout
2	Standard error	STDERR_FILENO	stderr

```
apps/vmauthd/vmauthd.c
                 main()
                          VMAuthdCommandLoop(&specific);
                                   info = VMAuthdGetCommand(&arg);
                                             for (info = vmauthdCommands; info->command; info++) {
NFC
                                                      if (strncasecmp(cmd, info->command)
                                                                return info:
                                   info->callback(info->command, info->flags & CMD USERFLAG)
                 static VMAuthdCommand VMAuthdBANNERCommand;
                 static VMAuthdCommand VMAuthdTHUMBPRINTCommand;
                 static VMAuthdCommand VMAuthdGLOBALCommand;
                                       VMAuthdCONNECTVPXACommand;
                 static VMAuthdCommand VMAuthdCONNECTCommand;
                 static VMAuthdCommand VMAuthdCONNECTARGVCommand;
                 VMAuthdCONNECTVPXACommand(socket_name)
                    VMAuthdVpxaConnect(char *socket name)
                        VMAuthdDoConnect
                                   VMAuthdStartProcess(exec name,...)
                                             fork();
                                             Posix Execv(argv[0], argv);
```



The nfc daemon (nfcd)

Watchdog

• Nfcd.c

Nfcd.c

Nfcd restart

- apps/esxcli/plugins/network/lpInterfaceAdd.cpp
- vim/hostd/hostsvc/provider/vmkernel/networkSystemVmkImpl.cp