

Suggestions for projects from the Telcom Project list RT queue:

1. New record types needed SRV & TXT (from NED request queue)

Please add the following DNS records for the COE Kerberos server

```
$ORIGIN coe.mtu.edu.  
_kerberos TXT "COE.MTU.EDU"
```

```
$ORIGIN _udp.coe.mtu.edu.  
_kerberos SRV 0 0 88 kerberos1.coe.mtu.edu.  
SRV 0 0 88 kerberos2.coe.mtu.edu.  
_kerberos-master SRV 0 0 88 kerberos.coe.mtu.edu.  
_kpasswd SRV 0 0 464 kerberos.coe.mtu.edu.
```

```
$ORIGIN _tcp.coe.mtu.edu.  
_kerberos-adm SRV 0 0 749 kerberos.coe.mtu.edu.
```

2. More info on services report for 'Voice' services.

From Shane Crist – August 2005

When viewing info for certain jacks that are 'Voice' could the resulting page have the phone number listed?

(From Brenda) This is in our future project list - it's just a little more complicated than you might first guess. Some people on campus have private numbers (like the President) and we do not want them to show on the web site in these cases, so we need to do some work first to make sure that these numbers are all flagged correctly in our database and that we check this flag before displaying the service number. I'm trying to evaluate if there is a need to be even more careful and only display service numbers to designated contacts for a specified department.

3. MTUNet domains, descriptions, and VLAN names inconsistent

From Josh Myles – September 2005

Inconsistencies in MTUNet domain names, descriptions, and VLAN names cause confusion and are, in some cases, incorrect.

https://www.banweb.mtu.edu/pls/axis/MTU_MTUNET_INFO.MTUNET_DOMAINS

See the CHEMENG domain, which has a description of "Chem Eng network (subnet 36)" when their network is not what MTU people generally refer to as "subnet 36" (141.219.36.0/22).

MTUNet domain ECE has a similar problem. It's described as "subnet 23", when that's its VLAN ID, not, as you would expect, the 141.219.23.0 network.

Other inconsistencies include VLAN names, MTUNet domain names (for example, using

both "SABO" and "INSECURE" for SABO-type networks).

At the very least, can we remove "subnet" language from the Description field? At the most, can we generate a naming standard for MTUNet domains?

4. mtupage paging

From Shane Crist – June 2006

Would it be possible to setup so that email going to mtupage with subject 'shane' (pages to me) be filtered so that only preapproved senders will get through?

(From Brenda) Are you getting inappropriate pages from real people, or is something else going on (spam)? Just trying to get a handle on if this is functionality everyone is going to need, or if there's just a localized issue.

(From Shane C.) No spamming problem. A number of people (including students) are aware of sending mtupage pages but I want to be paged by only departmental staff and dept. chairs. They are a first line of defense and will only page me for important/urgent needs.

I don't know if this is possible on your end or how much work it would involve. If it could be something like the email lists where we (sys ads) can currently maintain on our own would be best. (ie. /local/mtusysadm/mail-aliases/chfac)

(From Jeff B.) This seems like a pretty reasonable request, and we should be able to do it on the paging server, but it'll take some work. I can't give you a firm or even vague ETA at this point, but we've started talking about it. We're operating under the assumption that other people will eventually want this as well, and we don't want to get into managing lists, so there will likely be some sort of LDAP or other database for this behind a web front-end. Shouldn't be too big a deal, but we'll have to figure out what kind of a deal it *will* be before we can guess at how long it'll take. We'll keep you posted.

(From Shane C.) Thanks. Funny thing is that just yesterday I got 2 pages that were clearly email SPAM... "pro_fiberglass:1:----__JWM__JE3...."
The plan you have to move toward a preapproved list mechanism sounds good.

5. MTUNet feature request

From Josh Myles, August 2006

I'd like to be able to change the MAC address on AH PAIRs that have a MAC address specified. An example is HORN73. This isn't an urgent thing, but I'm deploying virtual machines and would like this functionality.