

**DATE:** May 31, 2016  
**DISTRICT NAME:** Romulus Community Schools  
**SUBJECT:** Addendum to Telephone System Bid (RFP)

**ADDENDUM/RFP URL:** <http://www.romulus.net/sites/default/files/district/business-finance/rfp-telephone-system-romulus.pdf>

## THE ABOVE MENTIONED RFP HAS BEEN AMENDED AS FOLLOWS

### 5.2.0 FACILITIES/LOCATIONS

Building Name	Address	City	State	Zip
Barth Elementary School	38207 Barth Road	Romulus	MI	48174
<b>Cory Elementary School</b>	<b>35200 Smith Road</b>	<b>Romulus</b>	<b>MI</b>	<b>48174</b>
Hale Creek Elementary School	16200 Harrison Road	Romulus	MI	48174
Romulus Administration Building	36540 Grant Road	Romulus	MI	48174
Romulus Elementary School	32200 Beverly Road	Romulus	MI	48174
Romulus Middle School	37300 Wick Road	Romulus	MI	48174
Romulus Senior High School	9650 S. Wayne Road	Romulus	MI	48174
Wick Elementary School	36900 Wick Road	Romulus	MI	48174

### *Telephone System Questions (Q) and Answers (A)*

Q1: Which Carrier will be supplying SIP trunks?

A1: **AT&T**

Q2: What building serves as the districts head end/data center?

A2: **Romulus Senior High School**

Q3: What three buildings will have a switch/server? What is the intent of only having a switch/server at only 3 of the 8 building?

A3: **8.4.1 - This is a typographical error. All buildings should have necessary hardware for survivability. Beyond that, controllers/applications can be physical, or virtual, or in the cloud.**

**\*NOTE: THIS LANGUAGE SHOULD BE REMOVED FROM THE RFP (ADDENDUM NEEDED) :**

The VOIP telephone system must also include (1) telephone switch/server at three of the (8) facilities/buildings in the table below.

Q4: Does the district use VMware or Hyper-V? If so, will bids using virtual controllers/application servers be acceptable?

A4: **The district uses VMware. Controllers/application servers can be hosted on that environment.**

Q5: The RFP states "8.4.1.4 - All sites shall have system survivability that provides basic telephone system functionality to local and Public Switched Telephone Network (PSTN) lines in the event of a Wide Area Network (WAN) outage."

Local survivability for IP phones can only be accomplished by having a gateway (switch/server) at each location. It is stated earlier in the RFP that only 3 locations will have a gateway/server. What is the thinking on this?

A5: Equipment is necessary at all 8 locations, not just 3. This will be corrected via addendum.

Q6: What is the manufacturer/model of the data switches? Is a network drawing available?

A6: Cisco 3560, 2960S

PDF attached.

Q7: The RFP states that "The district currently has Office365 so unified messaging would be preferred." Is Unified messaging a requirement in the base bid?

A7: No, it is not a requirement of the base bid.

Q8: There is no user training requirement listed in the RFP. Is end user training required? If so, how many users will need training?

A8: Unknown. Please provide the training services you would recommend, and pricing.

Q9: Are 1GB phones required?

A9: Base bid should contain 1GB phones, but feel free to provide voluntary alternates with 100mb phones, as they may be given consideration, depending on the cost delta.

Q10: What services do you currently have for Telephone/Internet?

A10: Current service is an aging PBX connected to a PRI

Q11: Are you under contract for these services? When do they expire?

A11: AT&T SIP with PRI Handoff option – Expires July 2019

Q12: Do you take advantage of Erate? What is your percentage?

A12: Yes, although Erate is decreasing what they pay for telecommunications services each year by 20%. E-rate does not cover handsets or hardware. The AT&T service, which is eligible, is already under contract.

Q13: Are you currently on separate system in all locations and do you prefer this or are you looking for a one look solution?

A13: Currently on one solution

Q14: Are you looking for a Hosted or Premise based solution?

A14: Looking for a system that will utilize the AT&T SIP service the district already has. Controllers/applications can be hosted if that makes sense.

Q15: Do you have a separate Voice and Data network?

A15: Current system is a PBX. Moving forward: VoIP solution, separate VLANs, but not separate networks.

Q16: Are all Voice and Data connections on a patch panel or on a POE switch currently?

A16: Classroom and office phones will utilize the same drop as the computer, which is already patched into a POE switch in most cases. Drop--->Phone--->Computer

# Romulus Public Schools Switch -IP List

## High School

Nexus:	10.1.0.1	10.13.0.1
HIGH-IDF1:	10.1.13.1	
HIGH-IDF8:	10.1.2.101	
HIGH-IDF2:	10.1.13.2	
HIGH-IDF3:	10.1.13.3	
HIGH-IDF4:	10.1.13.4	
HIGH-IDF5:	10.1.13.5	
HIGH-IDF6:	10.1.13.6	
HIGH-IDF7:	10.1.13.7	
HIGH_IDF08_3512-02:	10.1.2.101	
HIGH-MDF:	10.1.13.9	
MDF-WAN:	10.1.13.10	

## Cory

Cory_MDF_3508-01:	10.1.4.1
Cory-MDF1:	10.1.4.2
Cory-MDF2:	10.1.4.3
Cory-IDF2-2:	10.1.4.7
Cory-IDF3-1:	10.1.4.8
Cory-IDF3-2:	10.1.4.9

## Hale

Hale-3560:	10.1.38.10
HALE-MDF1:	10.1.38.101
HALE-IDF3:	10.1.38.4
HALE-IDF2:	10.1.38.3
HALE-IDF1:	10.1.38.2

## Romulus Elementary

RomE1-3560:	10.1.40.10
ROMEL-MDF1:	10.1.40.1
ROMEL-MDF2:	10.1.40.2

## Admin

admin-mdf:	10.1.13.101
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## Middle School

Midd-3560:	10.1.36.10
MIDD-MDF1:	10.1.36.101
MIDD-IDF1:	10.1.36.5
MIDD-IDF2:	10.1.36.2
MIDD-IDF3:	10.1.36.3
MIDD-IDF4:	10.1.36.4

## Wick

Wick-3560:	10.1.35.10
WICK-IDF1:	10.1.35.2
WICK-IDF2:	10.1.35.3
WICK-IDF3:	10.1.35.4
WICK-MDF1:	10.1.35.101

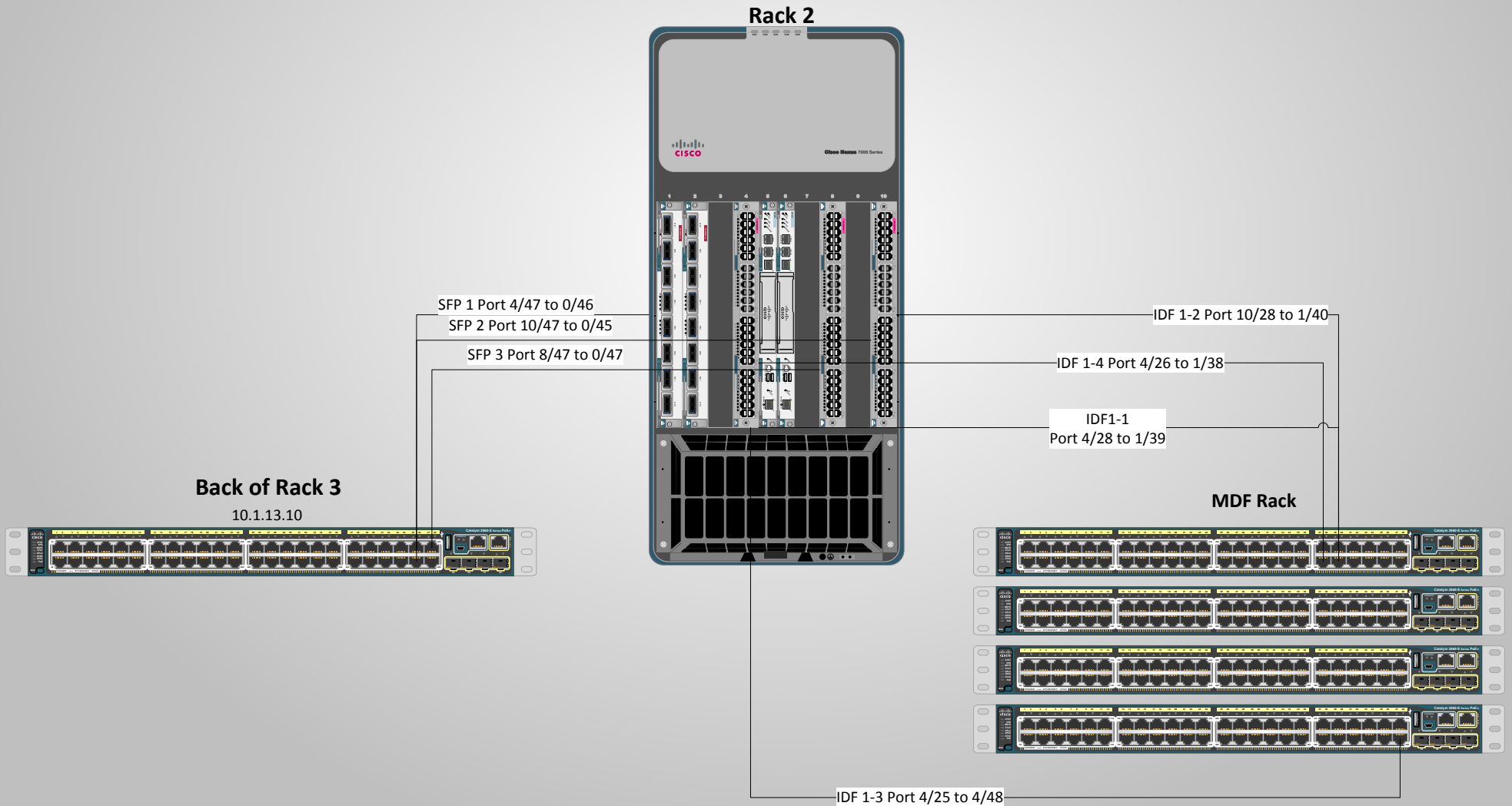
## Barth

Barth-3560:	10.1.37.10
BART-MDF1:	10.1.37.1
BART-IDF1:	10.1.37.2
BART-IDF2:	10.1.37.3
BART-IDF3:	10.1.37.4

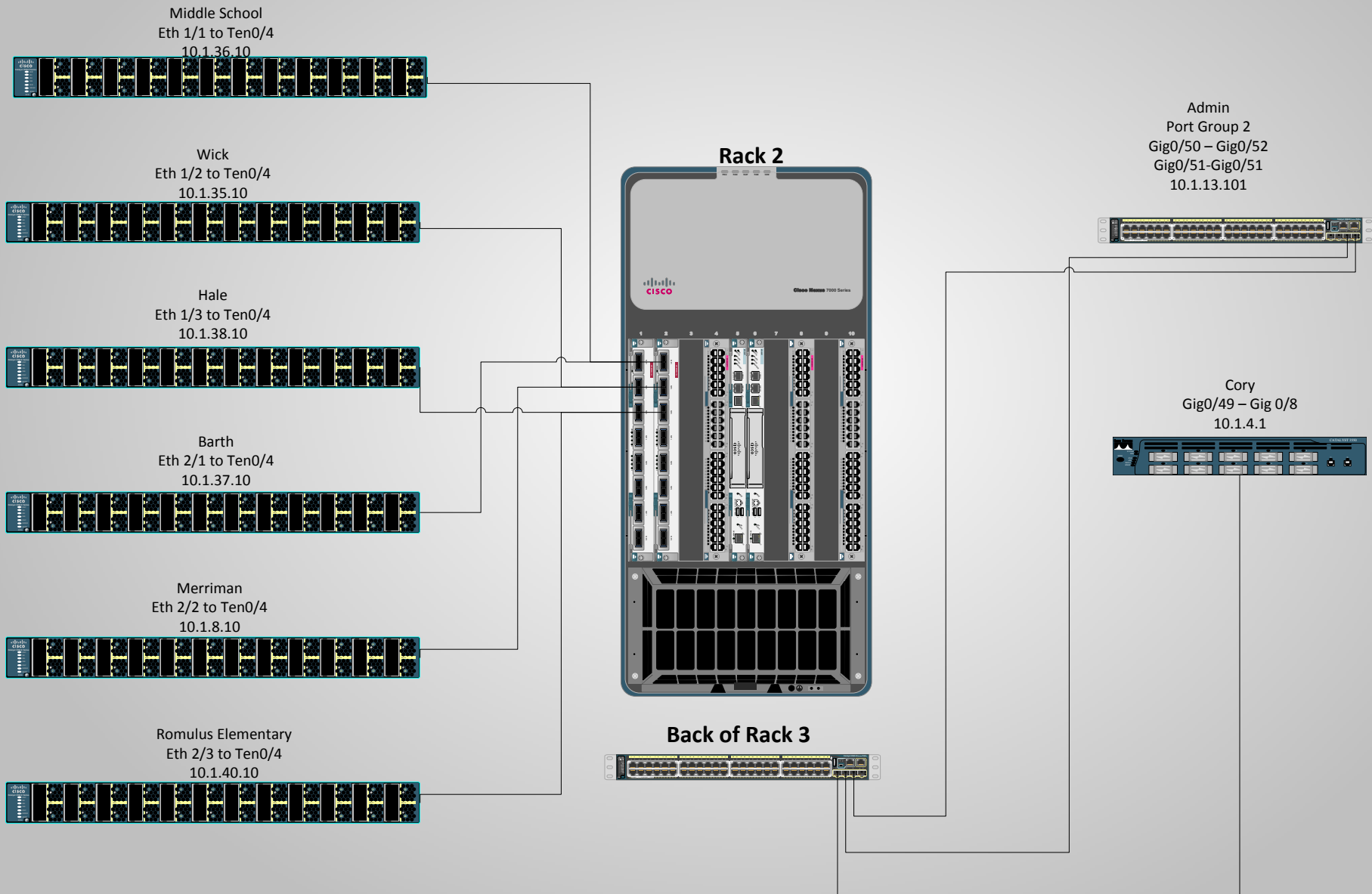
## Merriman

MERR_HEAD_3508-01:	10.1.8.101
MERR-MDF1:	10.1.8.1
MERR-IDF1:	10.1.8.2
MERR-IDF2:	10.1.8.3

# Romulus MDF – High School Internal Connections

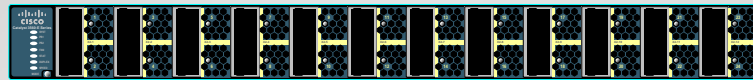


# Romulus MDF – High School External Connections

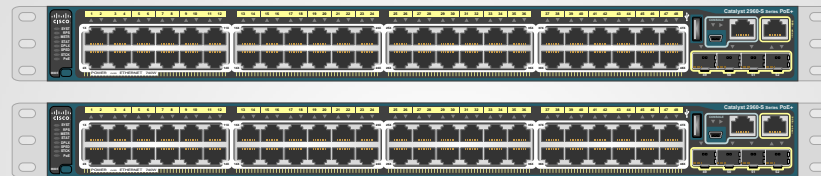


# Romulus / RESA Internal Connections

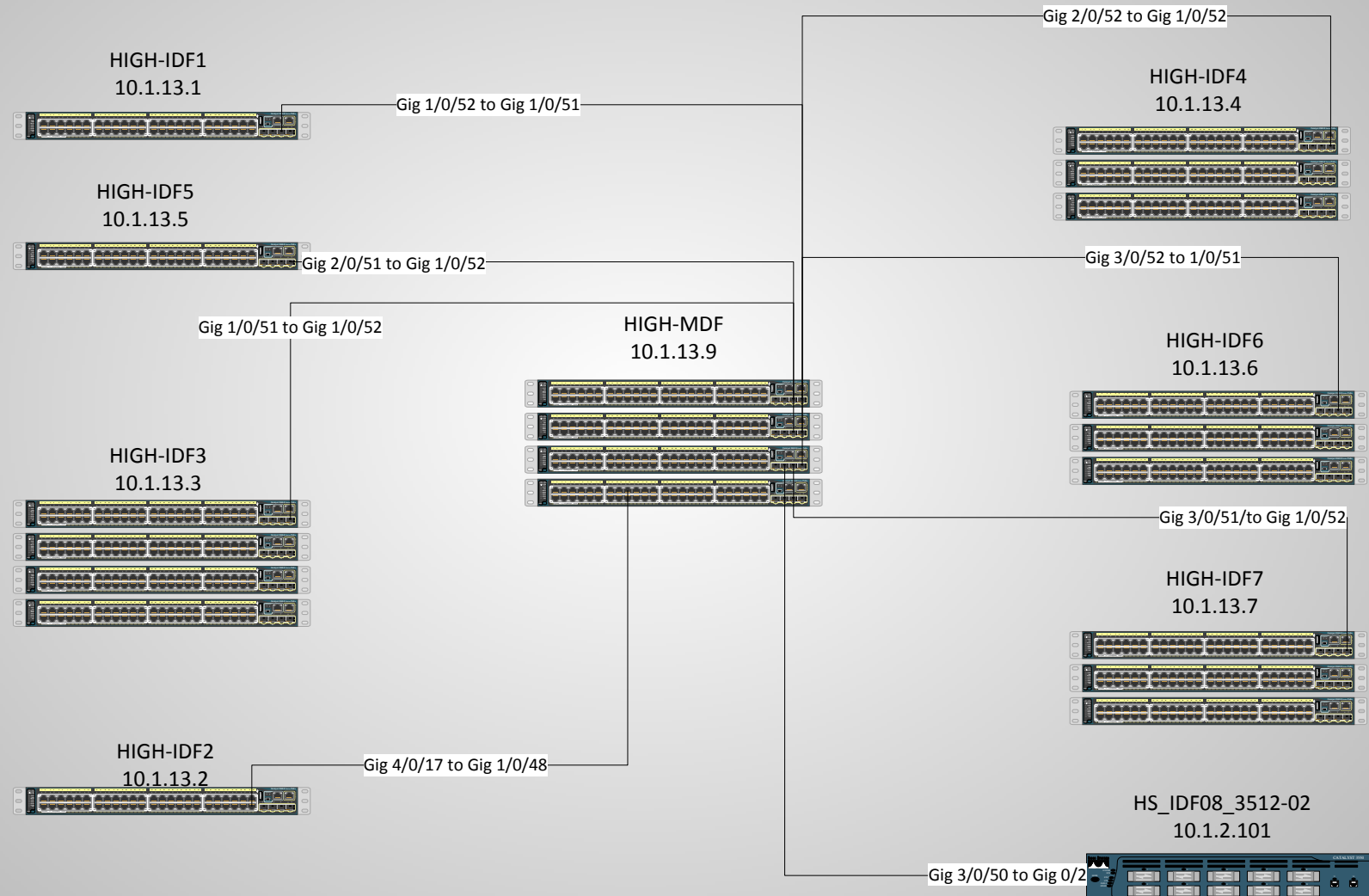
RO-RESA-3560  
10.1.99.10



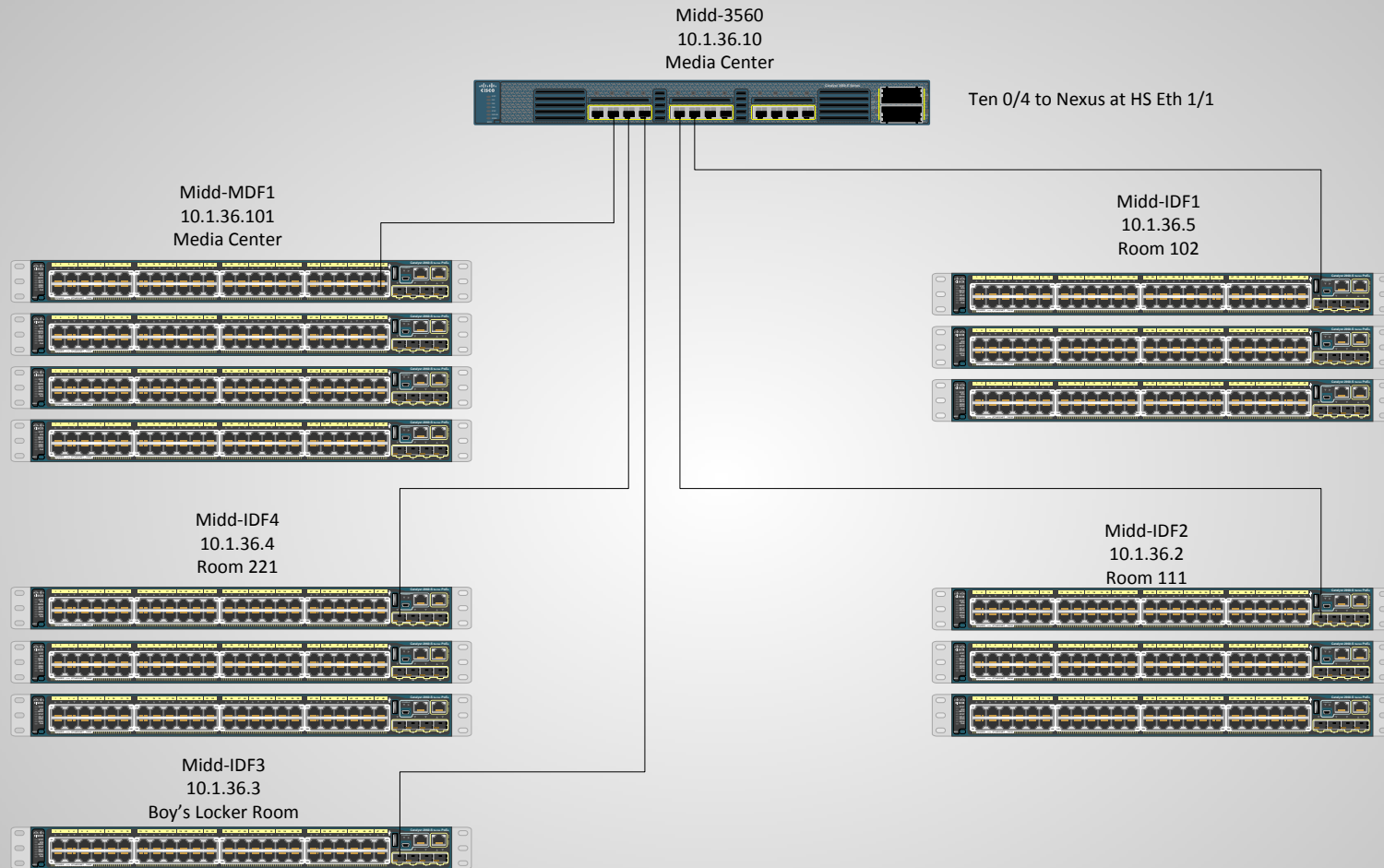
RO-RESA-2960  
10.1.99.11



# Romulus High School Internal Connections

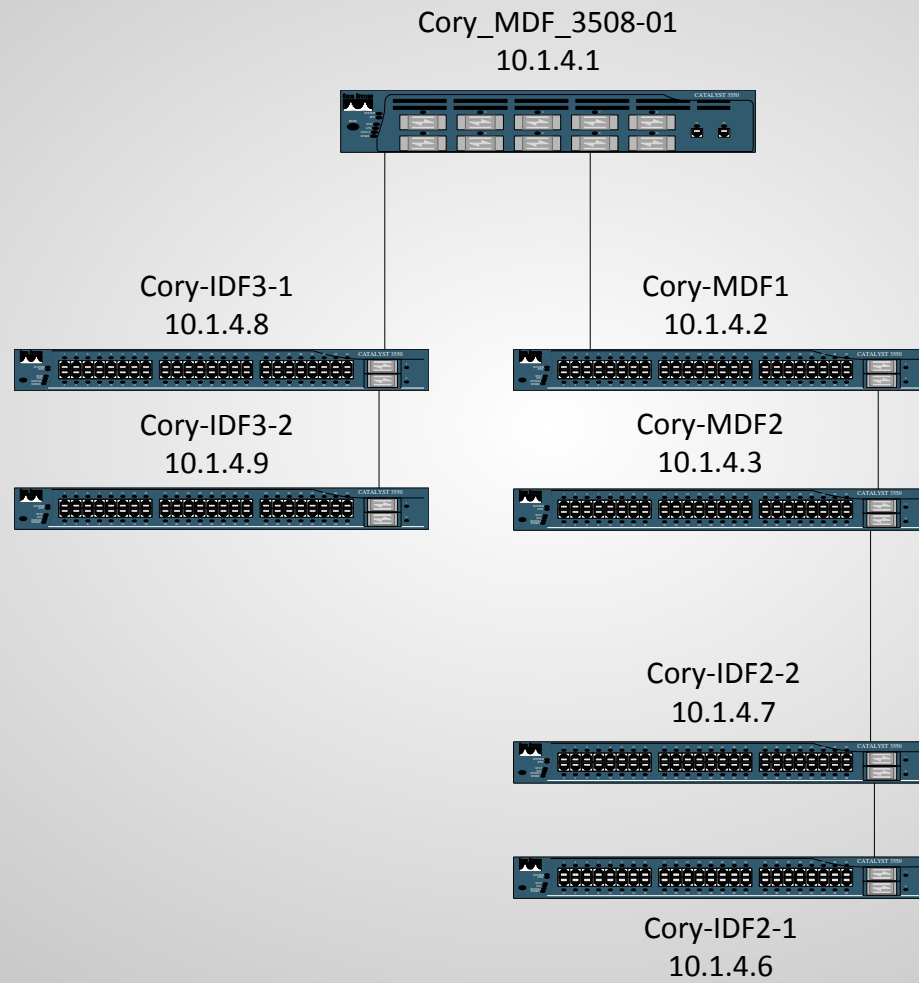


# Romulus Middle School Internal Connections



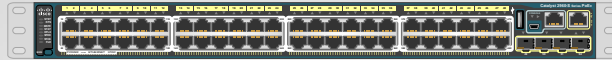


# Romulus Cory Internal Connections

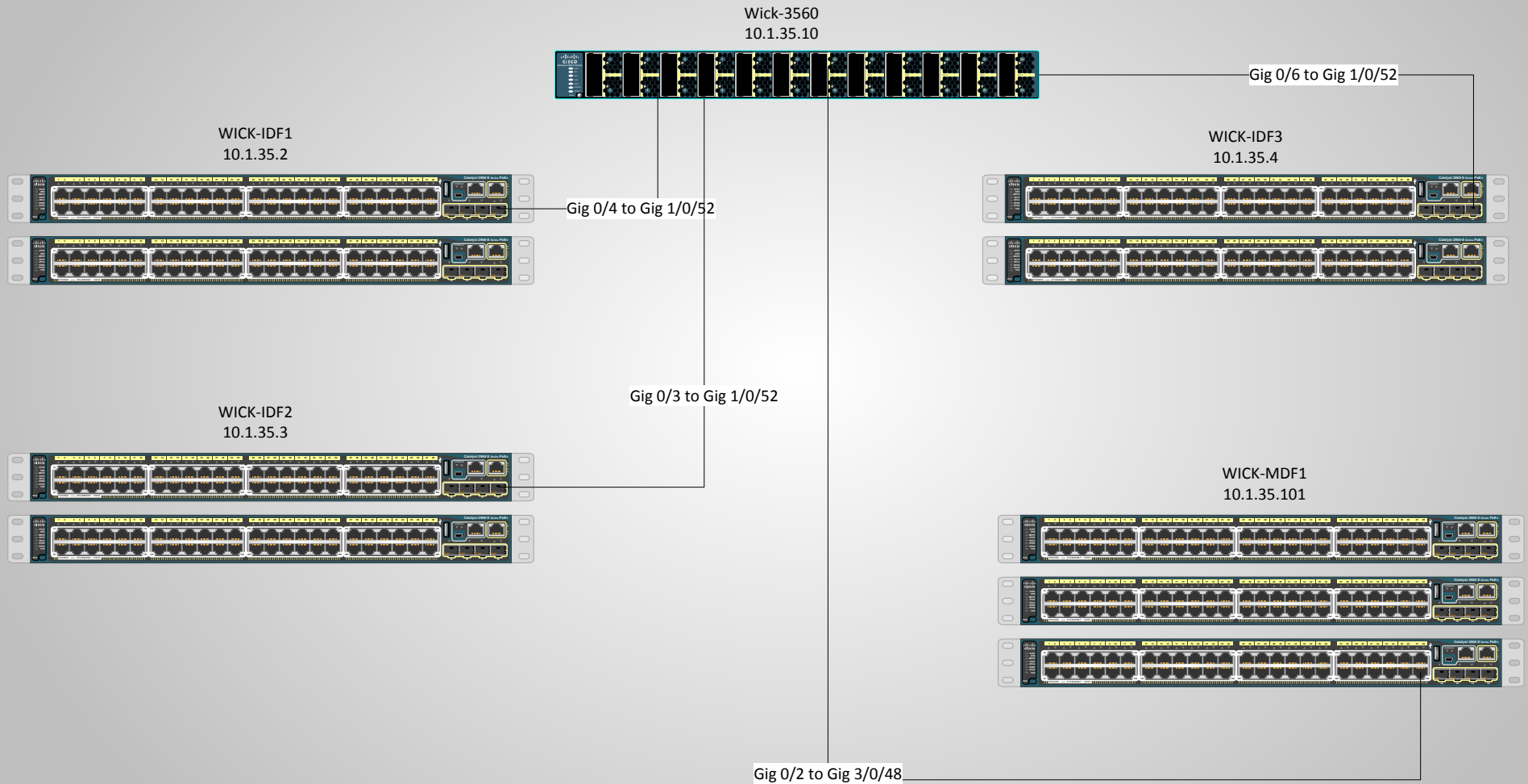


# Romulus Admin Internal Connections

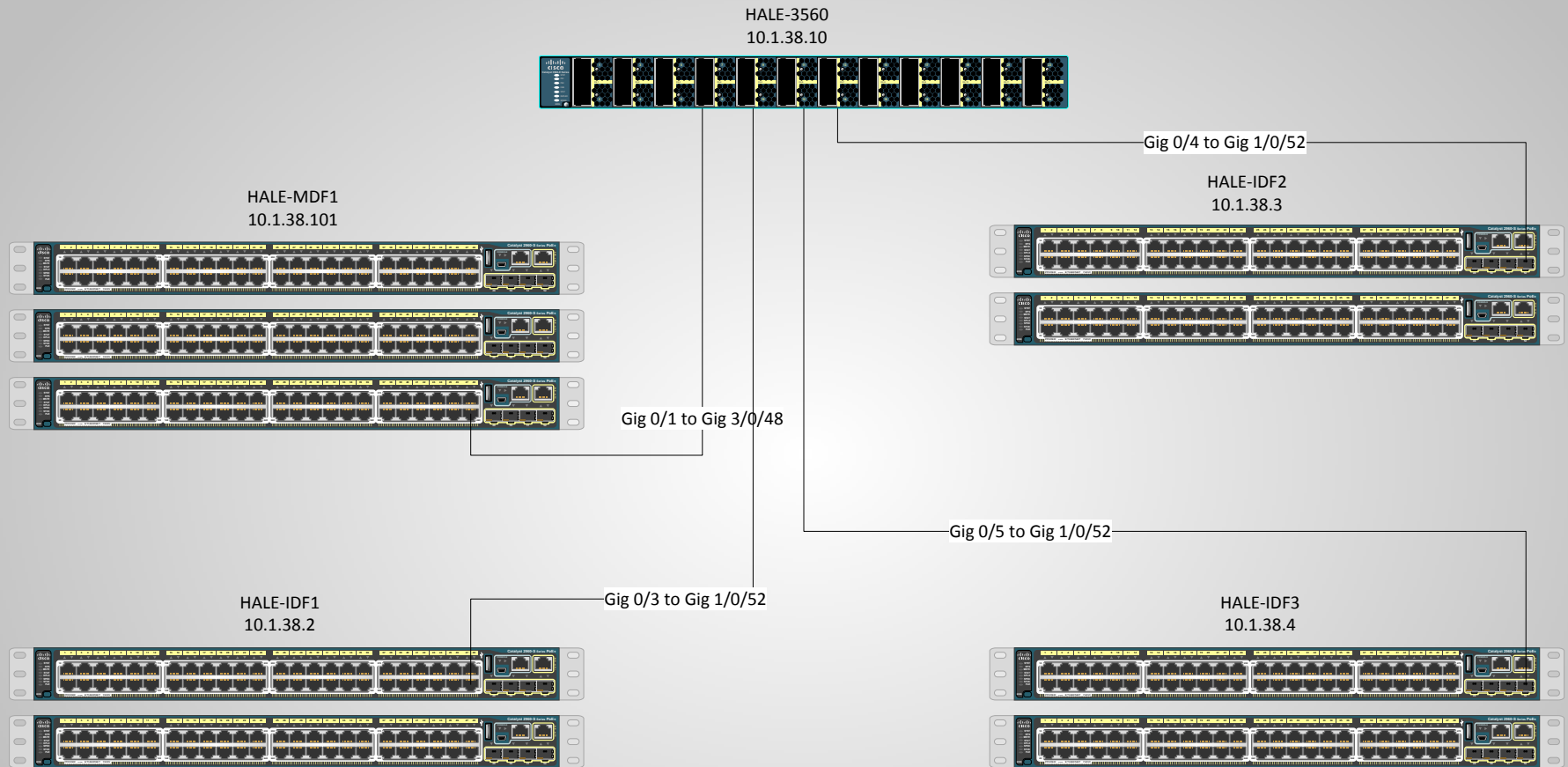
Admin-MDF  
10.1.13.101



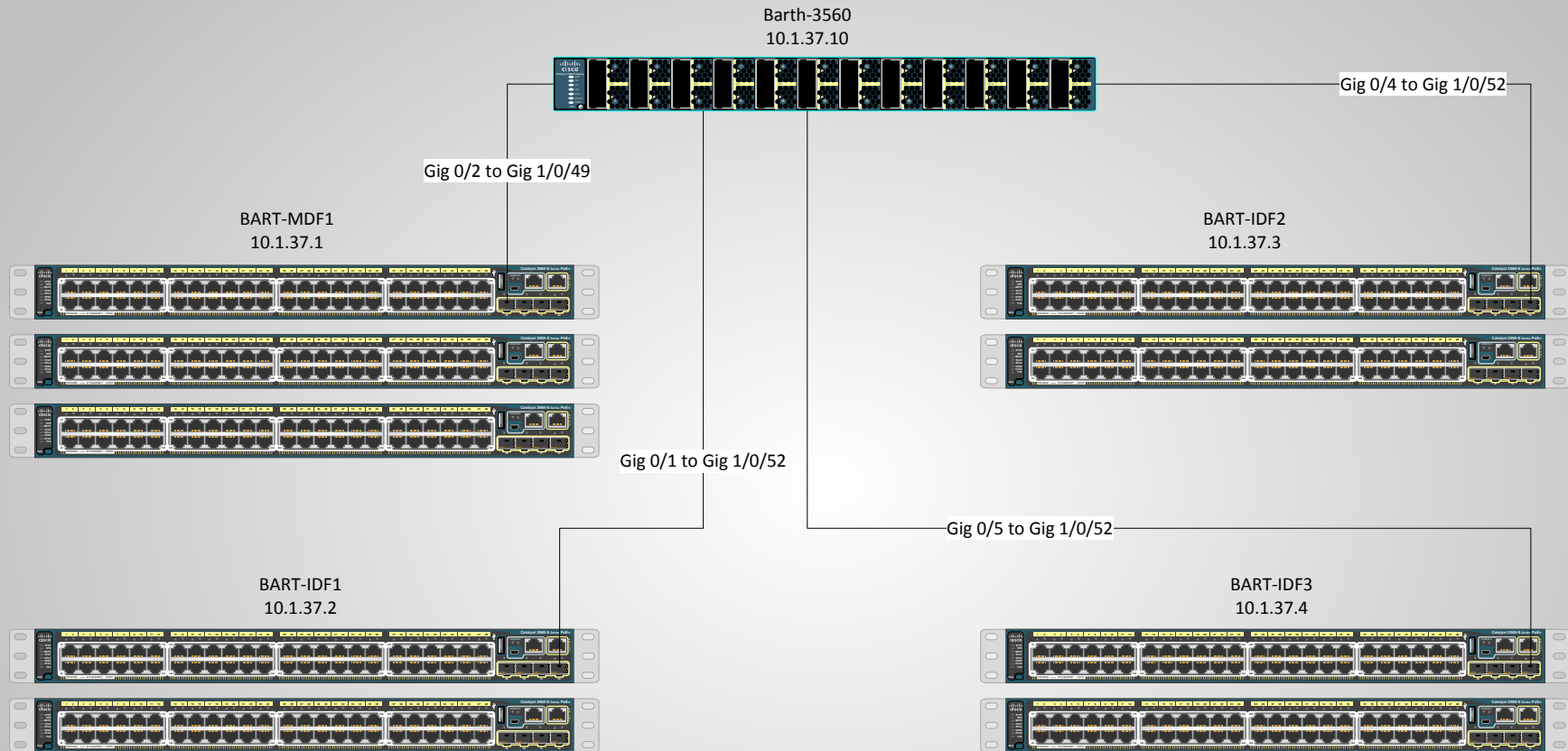
# Romulus Wick Internal Connections



# Romulus Hale Internal Connections



# Romulus Barth Internal Connections

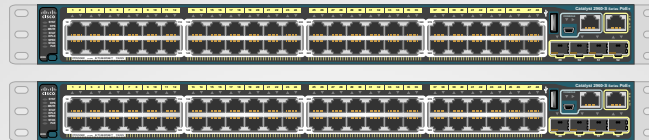


# Romulus Merriman Internal Connections

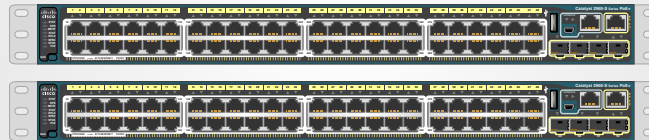
MERR\_HEAD\_3508-01  
10.1.8.101



MERR-MDF1  
10.1.8.2



MERR-IDF1  
10.1.8.1



MERR-IDF2  
10.1.8.3



# Romulus RomE1 Internal Connections

