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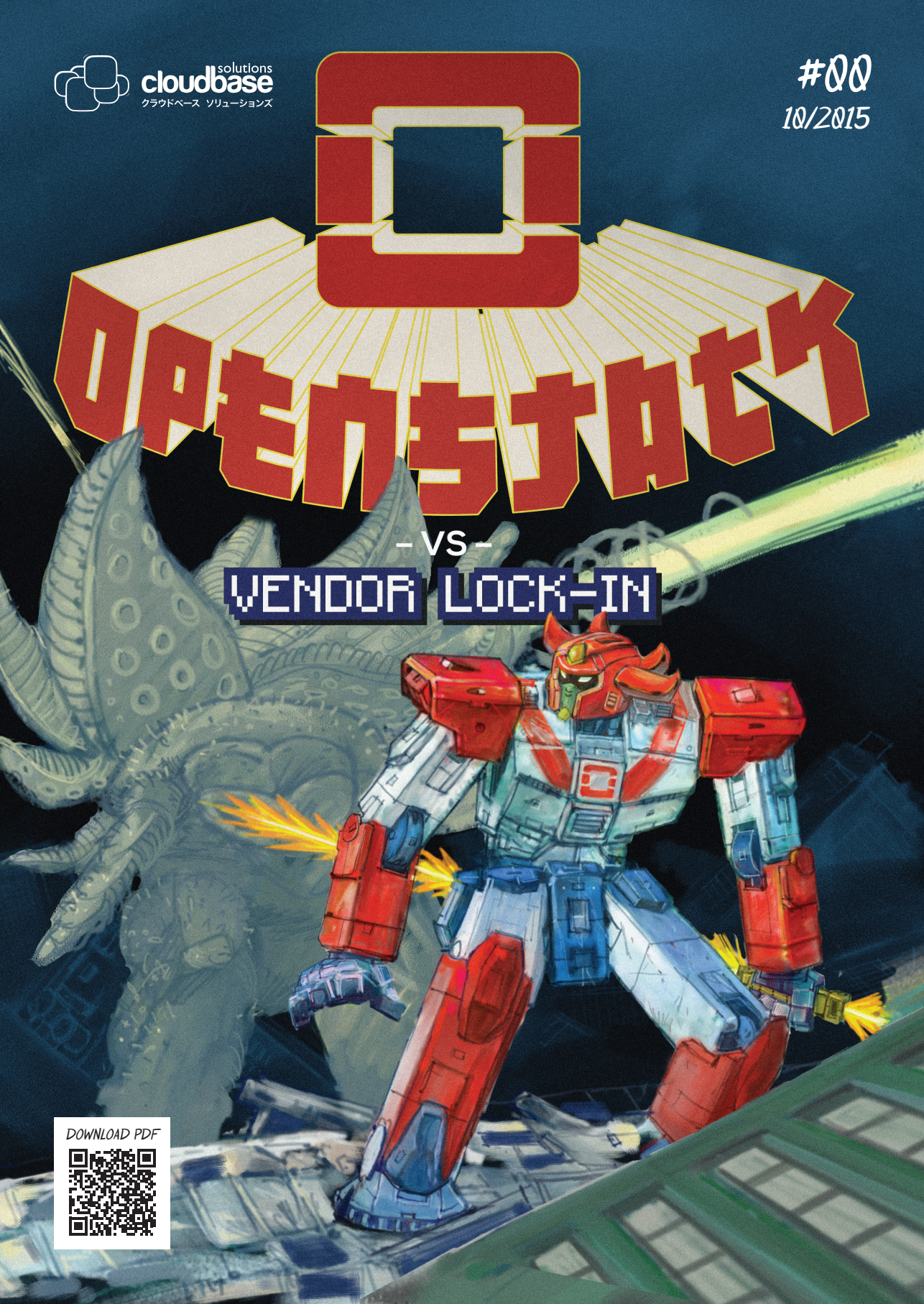
10/2015

OpenStack

- VS -

VENDOR LOCK-IN



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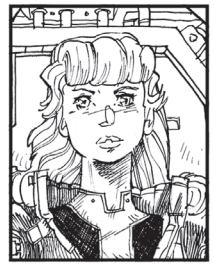
50 YEARS HAVE PASSED SINCE WWIII, WHEN THE EARTH WAS INVADED BY A RACE OF ALIEN MONSTERS AND HUMAN KIND WAS 5 MINUTES AWAY FROM COMPLETE ANNIHILATION. 3 HOURS AGO, THE INTER-DIMENSIONAL PORTAL GOT OPEN ONCE AGAIN AND NOW THE CITY OF NEO TOKYO IS ABOUT TO BECOME THE MAIN TARGET OF A GIGANTIC VENDOR LOCK-IN MONSTER.



SCOTIA:
PILOT OF NOVA
MOBILE UNIT
000

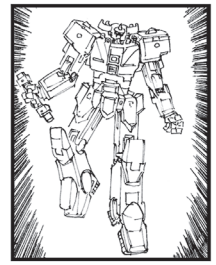
ASH:
PILOT OF CINDER
MOBILE UNIT 002

JIM:
PILOT OF
NEUTRON MOBILE
UNIT 001

CECIL O'METER:
RESPONSABILE FOR
THE DEPARTMENT
OF RESEARCH

LINK:
LAB
ASSISTENT

SWITCH:
LAB
ASSISTENT



OPENSTACK:
MOBILE UNIT
FORMED BY
NOVA, NEUTRON,
CINDER, GLANCE
AND KEYSTONE

LOCK-IN:
FEROCIOUS
INVADING ALIEN
MONSTER

STORY BY CLOUDBASE SOLUTIONS ART BY CRISTIAN DARSTAR

THIS MANGA WAS CREATED AS A TRIBUTE TO CELEBRATE THE OPENSTACK LIBERTY RELEASE AND THE SUCCESS OF OUR AMAZING COMMUNITY!

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CC BY NC SA

FORTUNATELY LINK AND SWITCH HERE HAVE BEEN WORKING ON NEW TOYS FOR SOME TIME NOW. ***UPDATES ARE NOW AT 96%.***

THE PLAN IS: WE LAUNCH NOVA, NEUTRON AND CINDER AS INDIVIDUAL UNITS AND HOPE WE UPDATE FAST

AMQP UP!

NO GUYS

DO WE USE ***DEVSTACK?***

SO WE HAVE ZERO PROTECTION AND WE NEED TO MOVE FAST

THIS THING IS PERFECTLY ADAPTED TO ALL OPENSTACK COMPONENTS

WE DO

WE MADE SOME TESTS

ASH, PILOT OF UNIT 002 CINDER, DEPLOY!

SCOTIA, PILOT OF UNIT 000 NOVA, ENGAGE!

JIM, PILOT OF UNIT 001 NEUTRON, SETUP!

LAUNCH BASE

UNITS RISING TO GROUND LEVEL

OPENING EXIT HATCH

CRUISE CONTROL SAFEGUARD IS ON!

THIS IS BAD!

MILDLY PUT!

OH DARN!

NEO TOKYO, THE OPENSTACK HQ, Y:2015, M:10, D:30, H:16:44

WHAT IN THE WORLD IS ***THAT THING?***

WHICH WORLD DO YOU MEAN?

GOT HERE AS FAST AS WE COULD

...MINDING THE TRAFFIC, THAT IS

WHICH WORLD INDEED! FROM THE READINGS, THIS IS AN ALPHA CLASS INVADER

IT'S ***VENDOR LOCK-IN.*** THOSE TENDRILS ON ITS HEAD...

TENTACLES, YOU MEAN?

RIGHT! ***TENTACLES.*** IT APPEARS TO BE EXTRACTING RAW ENERGY FROM ITS SURROUNDINGS USING THEM

... WHILE AT THE SAME TIME DEPLOYING AN ALIEN CLOSED SOFTWARE INTO ALL THE SYSTEMS AND HOME DEVICES AROUND THE CITY.

CONTROLLING EVERYTHING, INCLUDING PHONES, COMPUTERS, NETWORKS

YOU GET IT

LOOK AT THE SIZE OF THAT THING.

THAT THING IS *HIDEOUS*

SOMETHING'S WRONG.

WE DETECT INCREASED CYBER ACTIVITY INSIDE LOCK-IN

THE TENTACLES!!

IT'S STILL STANDING!

WHAT IS THIS THING MADE OF!

97%

THANKS, THAT'S ENCOURA-GING!

UPDATE COMPLETE. WE ARE NOW DEPLOYING THE BOTS!

JIMMY!

NO NEED FOR THAT PROF.!

SCOTIA, I'LL DISTRACT LOCK-IN

YOU *SLICE* IT UP!

JIM!

THEY'RE GROWING BACK!

NO!

OH NO!

MY GOD! FULLY GROWN IN JUST MINUTES!

ENERGY ABSORPTION LEVELS ARE OVER 9000!!

AFTER ALL THIS HEALING, ITS RESERVES SHOULD BE EMPTY

THIS IS OUR CHANCE. OPENSTACK DEFENDERS, *TRANSFORM!*

ALL'S GOOD!

THIS MONSTER IS TOAST.

ARGH! NOVA! NOW!

NOOOW!

WE, THE OPENSTACK DEFENDERS, CONDEMN VENDOR LOCK-IN FOR CRIMES AGAINST SOFTWARE INDEPENDENCE AND ACTS OF AGGRESSION

BY OUR POWERS COMBINED

WE WILL NOW *OBLITERATE* YOU INTO *OBLIVION*

GUYS, YOU GOTTA SEE THIS!

CLOUD NETWORK COMPLETE

FIVE SEPARATE UNITS. NOVA, NEUTRON, CINDER, KEYSTONE AND GLANCE. TRANSFORMED INTO A MASTER CLOUD DEFENDER UNIT

GOTTA LOVE THIS HUMMING

... AND THAT SMELL OF NEW COMPONENTS

GOT A LITTLE PROBLEM WITH NEUTRON HERE, THE OVS FLOWS AIN'T RIGHT

WE'RE ON IT JIM!

BETTER?

YUP!

APPLYING HEAT

MAIN REACTORS ON!

MOVING SCRATCH DISKS TO THE NODES!

GLANCE AND KEYSTONE, READY FOR EVENT HORIZON

RZZIT

CECIL: LOCK AND LOAD! NOVA, NEUTRON AND CINDER ARE READY.

BOTS ARE IN POSITION. DOWNLOADING CLOUD IMAGES...

SYNCING ALL UNITS.

(ADJUSTING TO CURRENT WIND SPEED)

WHY THE HECK IS MY INSTANCE STILL NOT ACTIVE? *SCOTIA*

I ONLY HAVE *ONE PAIR* OF API WORKERS! WAIT-UP!

ALL CONNECTED

NOVA IN, BOOT-STRAPPING

NEUTRON IN POSITION AND CONNECTED.

HOW'S LOCK-IN?

STILL HIBERNATING, PREPARE FOR STACKING.

THE INSTANCES ARE NOW ACTIVE

OK, NOW!

BOOST!

CONCENTRATE, DAMN IT!

GRAB ITS HAND!

RECON-FIGURING ROUTERS!

GUYS, WE ARE NOW GETTING SOME TARGETED DDOS ATTACKS IN THE CLOUD!

DEAL WITH IT!

LIBERTY DOUBLE SWORD ATTACK!!!

CLOSE TO 100 000 FT AND STILL ADVANCING!

OK, PUSH IT OFF!

IS LIBERTY READY?

YES!

OK! HERE WE GO!

30 000 FT AND RISING. APPROACHING STRATOSPHERE.

GETTING A LOT OF IOPS. WE'RE EXCEEDING THE SLA, ASH!

I'M ON IT!

POSSIBLY, BUT THERE IS NO INCREASE IN MASS! THINK THIS IS ITS HEALING PROCESS. IT IS NOW RECOVERING AS A RESULT OF THIS MASSIVE INPUT. SOME OF ITS PROCESSING UNITS ARE HEATING UP. SO THE OUTER SHELL IS MORPHING IN ORDER TO ALLOW A MORE EFFICIENT VENTILATION.

AND IN SIZE!

IS THAT THING GROWING?

WE CAN ALSO SEE A STAGGERING INCREASE IN DATA ABSORPTION.

LOCK-IN'S SOFTWARE IS CHANGING.

LINK! HOW MUCH POWER DOES THE OPENSTACK DEFENDER HAVE AT THE MOMENT?

ABOUT 7 OUT OF 9

LISTEN, IF WE USE ALL THE AUXILIARY AND MAIN THRUSTERS, THIS NEW ENGINE MIGHT JUST HAVE ENOUGH THRUST TO TAKE US AND THE LOCK-IN MONSTER INTO ORBIT, RIGHT?

YEAH, ALONG WITH ***HALF THIS PLANET!*** GOOD THINKING BRAINIAC!

IF WE SPAWN SOME NANO VMS TO GENERATE SOME BIG DATA AND THEN FEED IT TO THE MONSTER, IT WILL BECOME VULNERABLE AND UNSTABLE.

THEN WITH OUR NEW LIBERTY DOUBLE SWORD, WE MIGHT BE ABLE TO PENETRATE ITS NOW WEAKENED ARMOR, CAUSING IT TO BLOW UP LIKE A SUPERNOVA.

TEAM, LET'S DO IT!

LINK! HOW SOON CAN YOU START TO FEED LOCK-IN AND TO RECONFIGURE OUR DRIVE SYSTEM?

NOW, I GUESS.

POSSIBLY, ***BUT IT'S INSANE!***

CONFIGURING VLAN

OH NO! THE TENTACLES!

NEO TOKYO Y:2015, M:10, D:30, H:17:59.

WOW, IT'S ONLY 5 O'CLOCK, WE MIGHT JUST CATCH THE ENDING CEREMONIES AT THE SUMMIT!

WHAT SUMMIT, NEO TOKYO WAS WIPED OUT, REMEMBER?

OH ...YEAH...

YUP!

BUT THEY'LL USE ***METAL AS SERVICE*** RESERVES FOR REPAIRS.

WELL ISN'T THAT ***SOMETHING***!

NO, THAT'S ***IRONIC***!

WONDER WHO WON?

WIN WHAT?

YOU GUYS ARE SO HOPELESS.

WOULD YOU LOOK AT THAT?

I AM LOOKING.

WE'VE LOST CONTACT WITH EARTH AND OUR BATTERY LIFE IS DOWN TO MINUS 2%.

IS THAT EVEN POSSIBLE?

HOW SHOULD I KNOW, I'M JUST READING A DIAL.

OPENSTACK IS DOOMED AND IT'S ALL OUR FAULT

BUHUHU!

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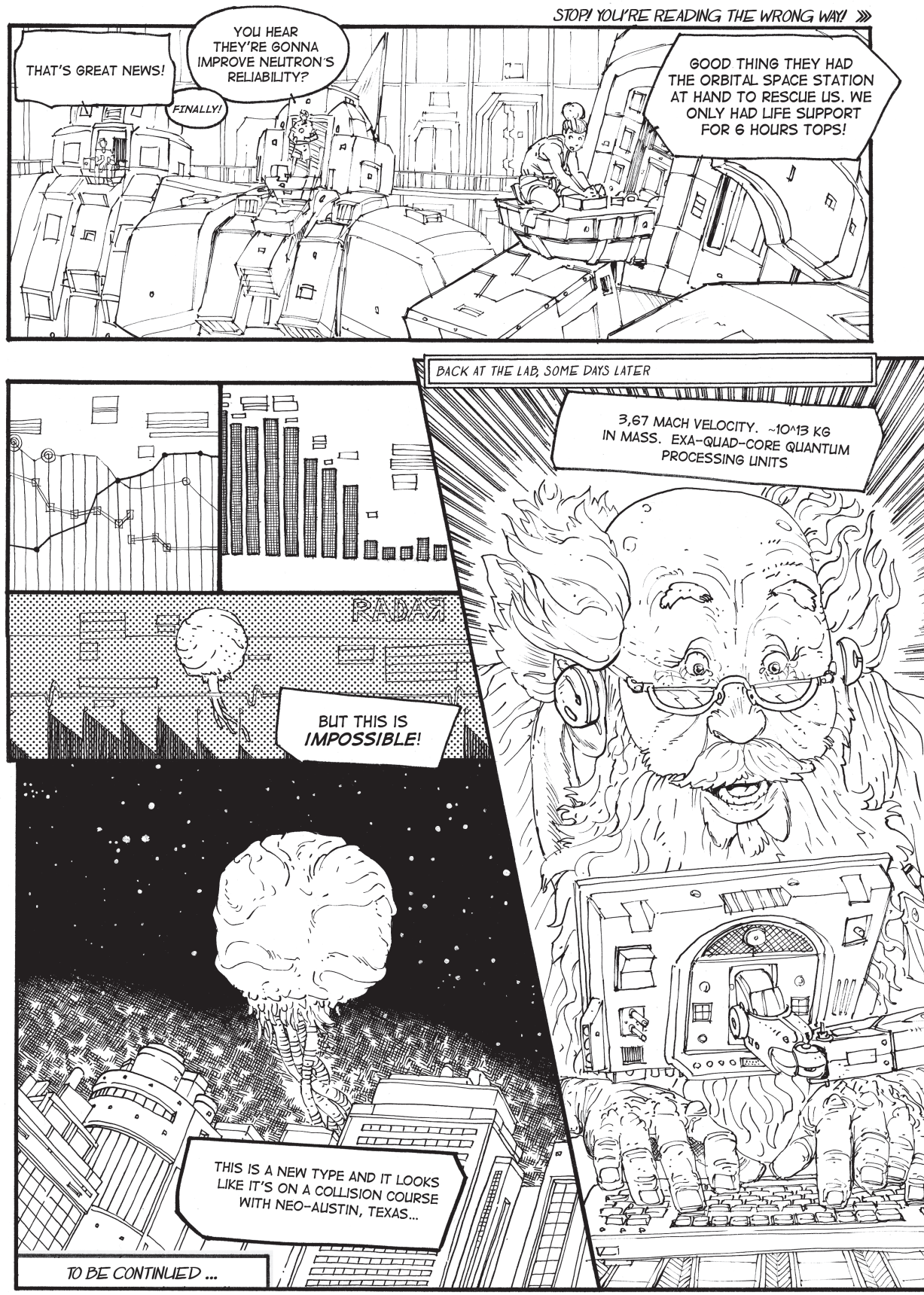

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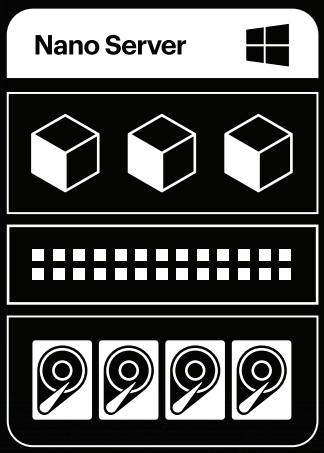
The Hyper-Converged Datacenter



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