

## **E2E Networks Limited**

#### **Low Latency Hosting in India** CIN NUMBER - L72900DL2009PLC341980

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Date- 12.05.2021

Corporate Service Department National Stock Exchange of India Ltd Exchange Plaza, C-1, Block G. Bandra Kurla Complex, Bandra (E), Mumbai-400051

**Ref: NSE Symbol- E2E** 

**SUB: Investors Presentation** 

Dear Sir/Madam,

Pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith Investors Presentation of the Company. The same shall also be uploaded on Company's website.

This is for your information and record.

Thanking You,

For E2E Networks Limited

Neha Baid **Company Secretary Cum Compliance Officer** Membership No.: 33753





# **E2E N**ETWORKS LIMITED

Investor update- Presentation MAY'21



# E2E Networks

#### SAFE HARBOR

This presentation contains statements that contain "forward looking statements" including, but without limitation, statements relating to the implementation of strategic initiatives, and other statements relating to "E2E Networks" future business developments and economic performance.

While these forward-looking statements indicate our assessment and future expectations concerning the development of our business, number of risks, uncertainties and other unknown factors could cause actual developments and results to differ materially from our expectations.

These factors include, but are not limited to, general market, macro-economic, governmental and regulatory trends, movements in currency exchange and interest rates, competitive pressures, technological developments, changes in the financial conditions of third parties dealing with us, legislative developments, and other key factors that could affect our business and financial performance.

E2E Networks undertakes no obligation to publicly revise any forward-looking statements to reflect future / likely events or circumstances.

# E2E Network

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- Pricing comparison with Peers
- Additional Region and New Products and Features Launched/planned to be Launched
- Impact of Recent Events
- > Snapshot of Financials and Strategy



# E2E overview

## **E2E Overview**



| Description*           | Rs in |
|------------------------|-------|
| Description            | crs   |
| Equity share Capital   | 14.4  |
| Net Worth <sup>1</sup> | 23.6  |

<sup>&</sup>lt;sup>1</sup> Includes Equity share capital plus Reserve & Surplus

#### Shareholding Pattern\*

| Promoter & Promoter Group | 58.5% |
|---------------------------|-------|
| Public                    | 41.5% |

<sup>\*</sup>As on 31st Mar'21

## Established in 2009, E2E Networks

- Is amongst largest Indian Public Cloud Companies in India
- ➤ Has Fully Owned Compute Infrastructure and Core Technology Stack.
- ➤ Our Cloud provides Cloud GPUs, Object & Block Storage, Smart Dedicated, Compute and Memory Intensive Linux/Windows Cloud Instances, Cloud Load Balancers with Autoscale, DBaaS (Database as a Service) amongst others
- Predictable Pricing, More than 1500 active Customers

## **E2E BENEFITS**





## Reliable Performance

Experience better & optimized performance across workloads



# Fully Featured

Multi-Region Full Stack
Cloud Platform



# Self Service Cloud Platform

One Click deployment of Cloud Services



## Scalable

Easily Upgrade/ Downgrade your server on demand as per your need

### E2E CLOUD INFRA PLATFORM: FOCUS AREAS



#### **High Performance**

- General purpose to advanced workloads
- Production Grade uptime/reliability

# E2E Cloud Platform

#### **Self Service Experience**

- Software Defined Infra
- For Developers
- For Data Scientists
- Devops in Production

#### **Bleeding Edge Compute**

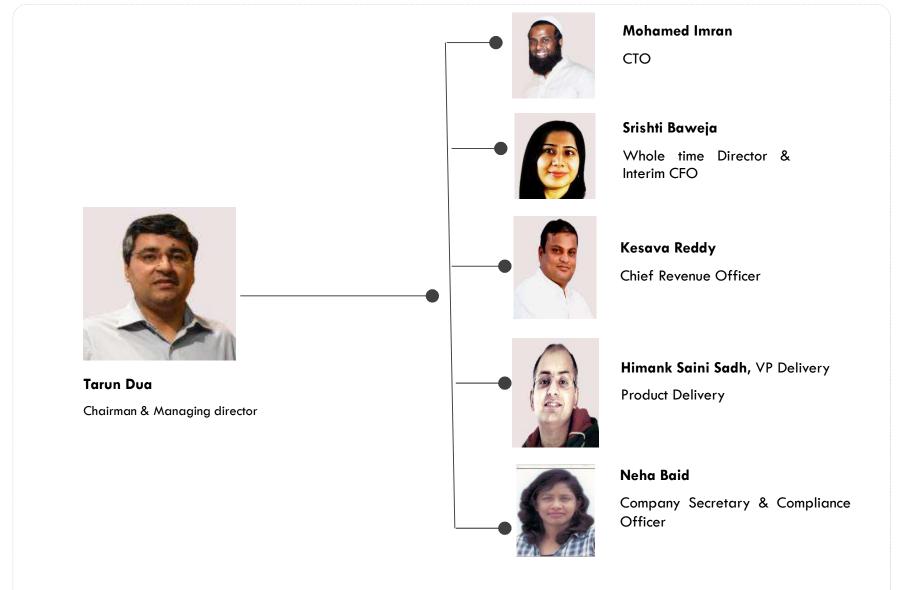
- Latest generation CPU/GPU infrastructure
- Faster hardware refresh cycles

#### **GPU** Acceleration

- Advanced Cloud GPUs
- One Click provisioning with NVIDIA VGPU/NGC platform

# E2E SEASONED AND PROFESSIONAL SENIOR MANAGEMENT TEAM







# Pricing comparison with Peers

# E2E COMPARISON OF COST VS PEERS



| Description     | E2E   | GCP  | AWS                                | Digital Ocean                     | Azure                                     |
|-----------------|---|--|------------------------------------|-----------------------------------|---|
| Plan Type       | M.60GB  | n1-standard-8                                | Linux on m6g.2xlarge               | Memory-Optimized                  | B16MS                                     |
| vCPU            | 12  | 8  | 8                                  | 8                                 | 16  |
| RAM             | 60 GB   | 30 GB  | 32 GB                              | 64 GB                             | 64 GB                                     |
| Storage         | 450 GB  | 2 x 375 GB                                   | EBS only                           | 600 GB                            | 128 GB                                    |
| Price Per Month | Rs 4,745  | Rs 20,783                                    | Rs 16,863                          | Rs 31,755                         | Rs 35,025                                 |
| Price Per Hour  | Rs 6.5  | Rs 28.47                                     | Rs 23.1                            | Rs 43.5                           | Rs 47.98                                  |
| Source          | https://www.a2enetworks.com/memory-intendive-computing-std-series-m | https://cloud.google.com/compute/all-pricing | https://aws.amazon.com/ec2/pricing | https://digitalocean.com/pricing/ | https://azure.microsoft.com/en-in/pricing |

- ₹ Price per Month and Per Hour has been rounded for ease of representation
- Price in India or APAC as published in respective website and conversion as on May' 21

# GPU CLOUD @ E2E NETWORKS



## **Currently offering:-**

- NVIDIA A100 GPU Cloud servers
- NVIDIA V100 GPU Cloud servers
- NVIDIA RTX8000 GPU Cloud servers
- NVIDIA T4 GPU Cloud servers

**Machine Learning** 

Computer Vision

Deep Learning for NLP

**Object Recognition** 

**Visual Computing** 



One Click vDWS/VCS via VGPU



Hourly/Monthly Billing



60 Second NGC currently via CLI



Ongoing integration with NGC for One Click

# E2E Networks

# GPU A100 COST COMPARISON OF E2E COST VS PEERS

| Description     | E2E                                      | Oracle  | GCP  |
|-----------------|--|---|--|
| Plan Type       | GDC.A100-16.115GB                        | VM.GPU4.1   | e2-highmem-16  |
| vCPU            | 16                                       | 14  | 16   |
| RAM             | 115 GB                                   | 224 GB  | 128 GB   |
| GPU Memory      | 40GB                                     | 40 GB   | 40 GB  |
| Storage         | 1500 GB SSD                              | -   | 1500 GB  |
| Price Per Month | Rs 75,000                                | Rs 1,66,988   | Rs 2,02,262  |
| Price Per Hour  | Rs 170                                   | Rs 228.75   | Rs 277   |
| Source          | https://www.e2enetworks.com/nvidia-a100/ | https://www.oracle.com/in/cloud/partners/gpu.htm<br>[ | https://cloud.google.com/compute/vm-instance-pricing |

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# GPU V100 COST COMPARISON OF E2E COST VS PEERS



| Description     | E2E                                      | GCP   | AWS   | Azure                                     |
|-----------------|--|---|---|---|
| Plan Type       | GPU.V100-8.120GB                         | e2-highmem-16 + V100                          | p3.2xlarge                                    | NC6s_v3                                   |
| vCPU            | 8  | 16  | 8   | 12  |
| RAM             | 120                                      | 128   | 61  | 112                                       |
| GPU Memory      | 32 GB                                    | 16 GB   | 16 GB   | 32 GB                                     |
| Storage         | 900 GB                                   | 900 GB  | Extra charges                                 | 736 GB                                    |
| Price Per Month | Rs 50,000                                | Rs 1,77,937                                   | Rs 1,67,535                                   | Rs 2,79,225                               |
| Price Per Hour  | Rs 100                                   | Rs 243.75                                     | Rs 229.5                                      | Rs 382.5                                  |
| Source          | https://www.e2enetworks.com/nvidia-v100/ | https://cloud.google.com/compute/gpus-pricing | https://aws.amazon.com/ec2/instance-types/p3/ | https://azure.microsoft.com/en-in/pricing |

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# GPU T4 COST COMPARISON OF E2E COST VS PEERS

| Description     | E2E                             | AWS                                       | GCP   |
|-----------------|---------------------------------|---|---|
| Plan Type       | GDC.T4-12.50GB                  | g4dn.2xlarge                              | n1-highmem-8                                  |
| vCPU            | 12                              | 8   | 8   |
| RAM             | 50                              | 32  | 52  |
| GPU Memory      | 16                              | 16  | 16  |
| Storage         | 900 GB                          | 225 GB                                    | 900 GB  |
| Price Per Month | Rs 17,500                       | Rs 41,172                                 | Rs 47,752                                     |
| Price Per Hour  | Rs 30                           | Rs 56.4                                   | Rs 65.41                                      |
| Source          | https://www.e2enetworks.com/gpu | https://aws.amazon.com/ec2/instance-types | https://cloud.google.com/compute/gpus-pricing |

- ₹ Price per Month and Per Hour has been rounded for ease of representation
- Price in India or APAC as published in respective website and conversion as on May'21



Additional Region and New Products and Features Launched/planned to be Launched

# NEW ZONE & PRODUCT/FEATURES ADDED RECENTLY





#### Mumbai Zone

Major Compute Instance SKUs are now available from second region



#### **DBaas**

- Setup and run your relational database in cloud
- ➤ Easy administration
- Optimized for common RDBMs use cases
- Flexible plans for varying configurations of CPU, RAM and Storage



#### **Block Storage**

- Provides flexibility to increase or decrease storage
- Attach additional highspeed volume for E2E node

# PRODUCTS / FEATURES ADDED RECENTLY





#### Reserved IP

Manage your IP addresses from the intuitive MyAccount portal of E2E Cloud.



#### **BitNinja Integration**

Allows user to easily enable BitNinja Server security modules.



#### 1-Click Deployment

Quick deployment using prebaked Images for popular applications



#### **Kubernetes**

Allows to create master and worker nodes in 1-click. Worker nodes can be launched in desired compute node SKU's



#### **Object Store**

Store, backup and archive content for your web apps or data from AI/ML pipelines.



#### **CDN**

Global content delivery network that distributes your content & web pages to end-users with minimal latency, creating enhanced experiences for your customers.

# PRODUCTS/FEATURES TO BE ADDED





#### **VPC**\*

- Virtual Private Cloud will allow customers to have their deployments in a fully isolated internal network.
- It will enable logical network separation of customer deployments



#### C3 Series\*

- ➤ Upcoming compute series with the latest generation processors for compute intensive deployments.
- Supports Block Storage, Live Snapshots, Quick Recovery



#### M3 Series\*

- Upcoming compute series with the latest generation processors for memory intensive deployments.
- Supports Block Storage, Live Snapshots, Quick Recovery

<sup>\*</sup> Expected to be launched in FY 21-22



# Impact of Recent Events

# COVID/LOCKDOWN IMPACT ON BUSINESS



# Supply Chain Disruptions

- Hardware Supply Chain continues to be disrupted in general due to local lockdowns
- Price Volatility continues to impact procurement prices for various memory and storage hardware

#### **Work From Home**

Most Teams including sales are working from home currently and using online meetings to interact with each other and customers.

## New Products/ Features

New products / features launches impacted as priority is to service existing needs fully.



# Snapshot of Financials and Strategy

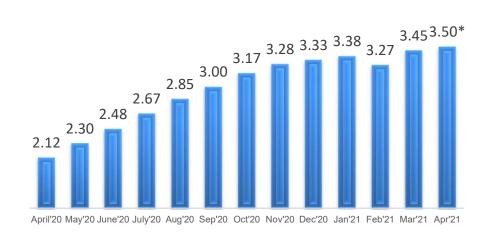
## OUR APPROACH TO GROWTH



- ❖ E2E continued effort to build a superior Public Cloud Product is seeing traction with:
  - Significant number of self-service customers added in last few months
  - Sales effort seeing momentum with gross new additions every month
  - Growth opportunities in Digital Transformation, Al, SME among other compute workloads



~ Revenue from Top 10 customers as % of Total





<sup>\*</sup>Provisional number

# PROFIT & LOSS



| INR Lakhs   |                              | FY 19-20                              |                                   |                         | FY 20-21                             |  |
|---|------------------------------|---------------------------------------|-----------------------------------|-------------------------|--------------------------------------|--|
|   | H1 (April'19 to<br>Sep'19) 1 | H2 (Oct'19 to<br>Mar'20) <sup>2</sup> | Full Year (Apr'19<br>to Mar'20) 3 | H1 (April'20 to Sep'20) | H2 (Oct'20 to<br>Mar'21 <sup>2</sup> | YTD (Apr'20 to<br>Mar'21) <sup>3</sup> |
| Revenue   | 1,237.0                      | 1,272.6                               | 2,509.6                           | 1,542.4                 | 1,987.9                              | 3,530.3                                |
| Other Income  | 164.9                        | 56.6                                  | 221.5                             | 51.6                    | 43.9                                 | 95.5                                   |
| Total Revenues*   | 1,401.9                      | 1,329.2                               | 2,731.1                           | 1,594.0                 | 2,031.8                              | 3,625.8                                |
| Purchase of services  | 554.4                        | 538.9                                 | 1,093.3                           | 608.0                   | 665.1                                | 1,273.0                                |
| Employee benefits expense   | 542.5                        | 509.2                                 | 1,051.7                           | 425.3                   | 428.8                                | 854.1                                  |
| Other Opex  | 236.9                        | 248.3                                 | 485.2                             | 149.4                   | 165.5                                | 314.9                                  |
| Total expenses  | 1,333.8                      | 1,296.4                               | 2,630.2                           | 1,182.6                 | 1,259.4                              | 2,442.0                                |
| EBITDA*   | 68.1                         | 32.9                                  | 100.9                             | 411.4                   | 772.4                                | 1,183.8                                |
| EBITDA %  | 4.9%                         | 2.5%                                  | 3.7%                              | 25.8%                   | 38.0%                                | 32.6%                                  |
| Depreciation  | 467.4                        | 546.7                                 | 1,014.1                           | 402.8                   | 837.8                                | 1,240.6                                |
| EBIT*   | (399.4)                      | (513.8)                               | (913.2)                           | 8.6                     | (65.4)                               | (56.8)                                 |
| Interest expense**  | 8.1                          | 10.1                                  | 18.2                              | 16.5                    | 39.5                                 | 56.0                                   |
| PBT   | (407.5)                      | (523.9)                               | (931.4)                           | (7.9)                   | (104.9                               | ) (112.8)                              |
| Tax   | 3.7                          | 0.2                                   | 3.9                               | 0.2                     | (0.2)                                | -                                      |
| PAT   | (411.2)                      | (524.1)                               | (935.3)                           | (8.1)                   | (104.7                               | (112.8)                                |
| *Includes Other income  ** Includes payment gateway charges  1 Limited reviewed  2 Second half figure is balancing figure between full. | In 16 16 16                  |                                       |                                   |                         |                                      |  |

 $<sup>^{2}</sup>$  Second half figure is balancing figure between full year audited figure and first half published figure

<sup>3</sup> Audited



# BALANCE SHEET AS AT

|                            |                     |                     |                     | ,                     |
|----------------------------|---------------------|---------------------|---------------------|-----------------------|
| INR Lakhs                  | Sep'19 <sup>1</sup> | Mar'20 <sup>2</sup> | Sep'20 <sup>1</sup> | March'21 <sup>2</sup> |
| Share Capital              | 1,429               | 1,429               | 1,438               | 1,442                 |
| Net worth                  | 2,955               | 2,438               | 2,445               | 2,360                 |
| Payables                   | 209                 | 171                 | 180                 | 216                   |
| Other Liabilities          | 270                 | 224                 | 345                 | 706                   |
| Total Equity & Liabilities | 3,434               | 2,832               | 2,970               | 3,282                 |
| Gross Fixed Assets         | 5,680               | 5,638               | 6,514               | <b>7,</b> 515         |
| Net Fixed Assets           | 1,306               | 961                 | 1,654               | 2,165                 |
| Trade receivables          | 41                  | 68                  | 47                  | 34                    |
| Cash and Cash Equivalents  | 1,568               | 1,241               | 746                 | 519                   |
| Other Assets               | 519                 | 562                 | 522                 | 564                   |
| Total Assets               | 3,434               | 2,832               | 2,970               | 3,282                 |
| Limited reviewed Audited   |                     |                     |                     | <br>                  |

 $<sup>^{\</sup>rm 3}$  Includes Equity share capital plus Reserve & Surplus



## BUSINESS STRATEGY AND FOCUS



## **Building Capabilities**

- Our plan is to improve our Cloud capabilities in the areas of :-
  - > DBaaS,
  - Autoscale with Load Balancing and
  - Quick Healing Compute Instances

## **Driving growth**

- Focusing on SME and high velocity startups by building process driven Sales
- Scaling technology driven marketing & sales organization to capitalize on huge market opportunity

#### WELL POSITIONED TO CAPITALIZE ON FUTURE OPPORTUNITIES





#### Large Addressable Market Opportunity in Indian Cloud

- End-user spending on public cloud services in India is expected to total \$4.4 billion in 2021, according to the latest forecast from Gartner published on April 29, 2021
- As compared to 2020, end user spending on public cloud will grow 31.4% in 2021
- 2

#### **Product Capabilities**

- E2E product offering stands-out given the significant advantages in terms of homegrown software defined infrastructure capabilities
- Stronger product enables us to acquire customers with bigger LTV
- 3

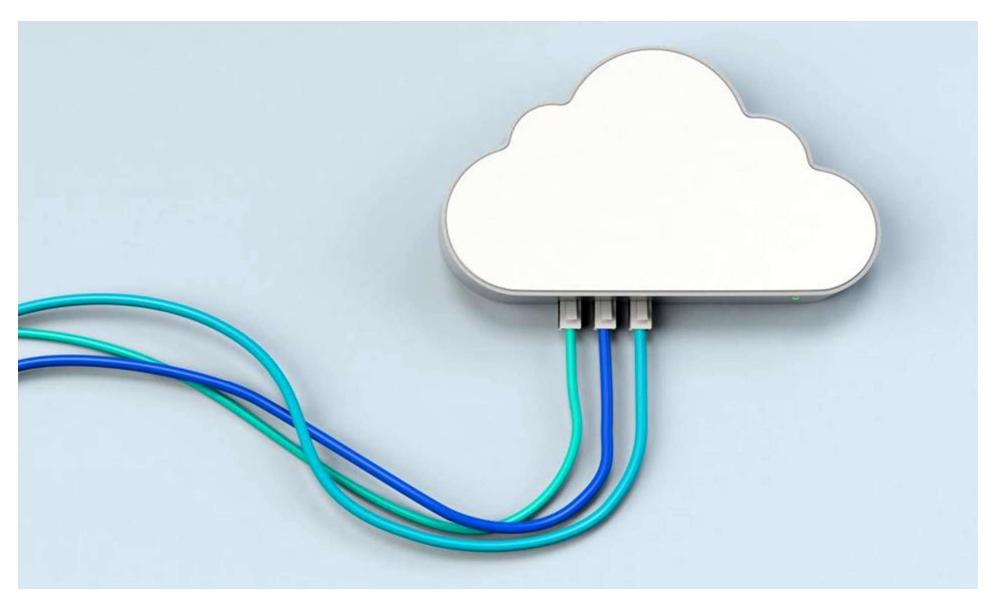
#### Focus: Cloud GPU workloads

- AI/ML/DL & Inference for NLP and Computer Vision
- Visual Computing Cloud Workstations



#### Partnerships: Intel, NVIDIA and Others

- Member of Intel cloud builders' program with early access to Intel's roadmap
- Partnering with NVIDIA for gaining visibility into the AI/ML and predictive analytics ecosystems
- Partnering with KTech CoE Data Science & Al Government of Karnataka (GoK) powered by NASSCOM to Pave Way to an Al driven digital future
- Other on-going licensing relationship are with SoftwareOne (LAR for Microsoft), BitNinja, Cloud Linux Inc, Connectwise, LLC (R1Soft), and through their distribution partners with Softaculous, C Panel and Plesk.





# E2E NETWORKS LIMITED

For further information, please contact: Investors@e2enetworks.com